

Great Frigatebird (Frigata minor): At-Sea Distribution and Abundance

The following maps represent all At-Sea observations made by personnel of the Pacific Ocean Biological Survey Program from February, 1963, through August, 1965.

Each square represents one days observation from the first through the fifteenth of the month, while each circle represents one days observation from the sixteenth through the thirty-first of each month.

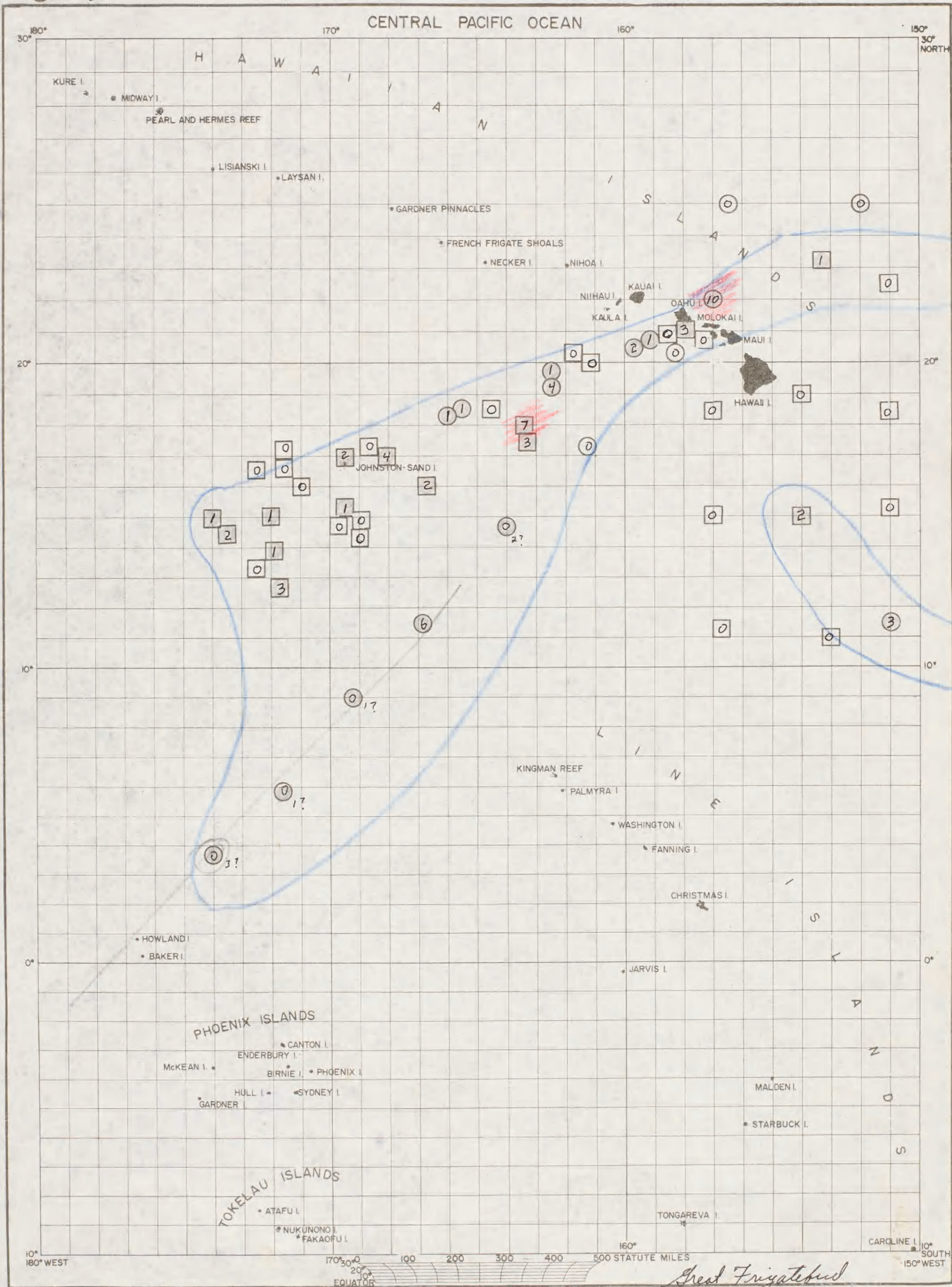
Numbers refer to actual number of birds counted for each day.

Blue line encloses total area of occurrence. Red indicates exceptionally high numbers.

- ☐ = 1-15 January
- = 16-31 January
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

JANUARY

SI-MN-38 (REV. 9-65)

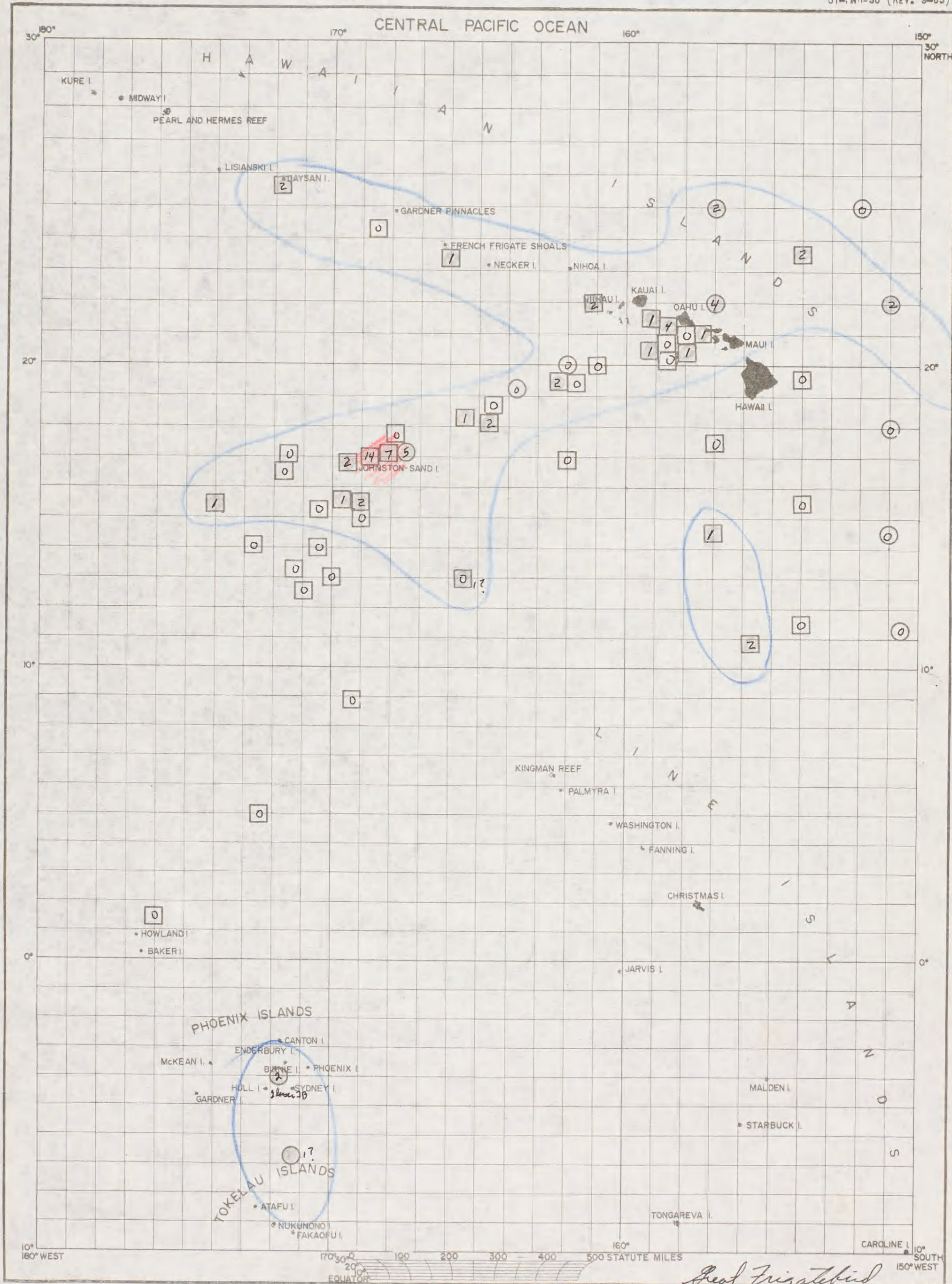


Great Frigatebird
 ? = doubtful species

- ☐ = 1-15 February
- = 16-31 February
- ④ == 0 birds
- = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

FEBRUARY

SI-MNH-38 (REV. 9-65)



- MARCH

SI-MNH-38 (REV. 9-85)



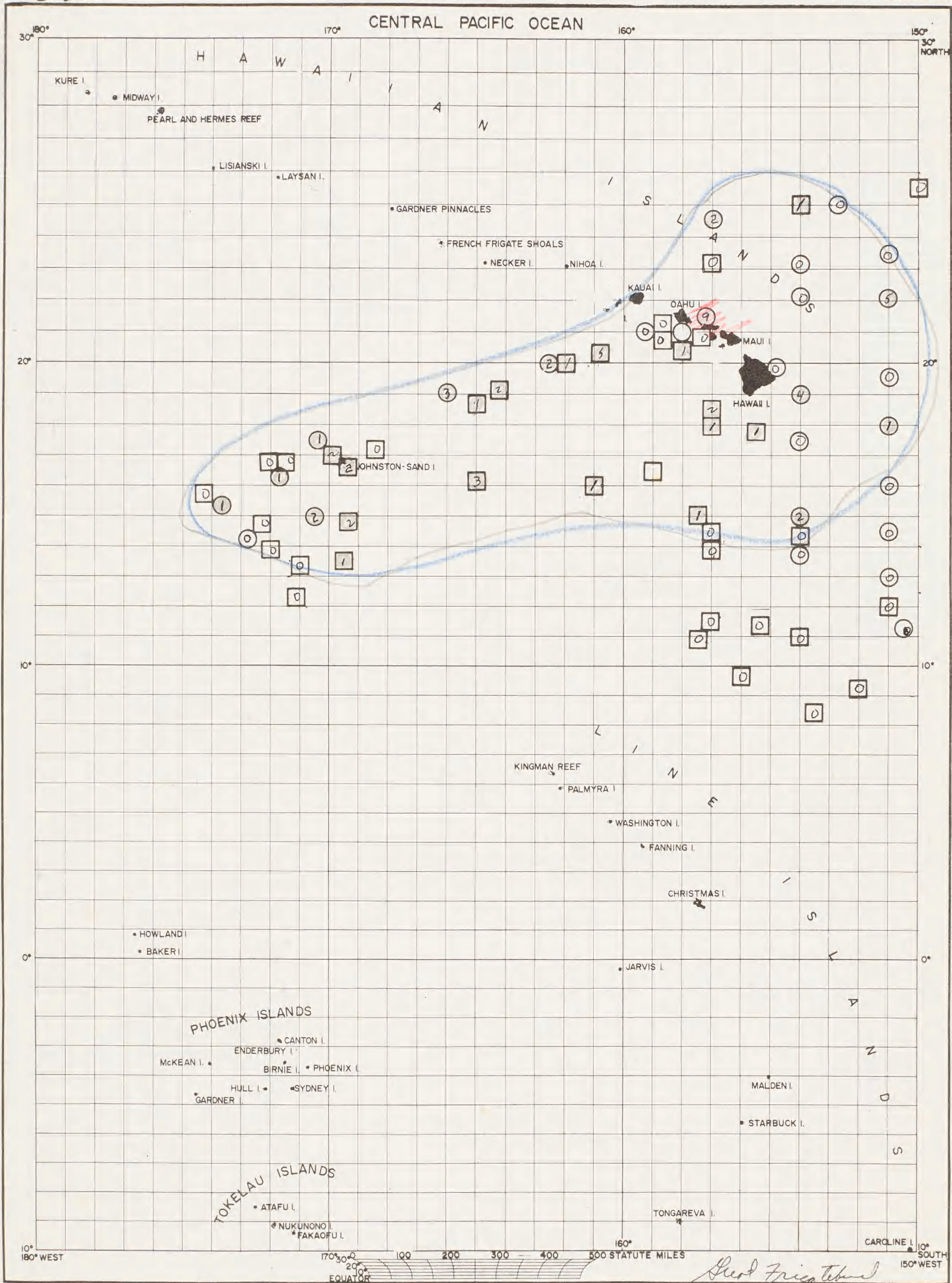
Geo. F. Frost

□

- = 1-15 April
- = 16-31 April
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 50-100 "
- = 101-500 "
- = 500+ "

APRIL

SI-MNH-38 (REV. 9-65)

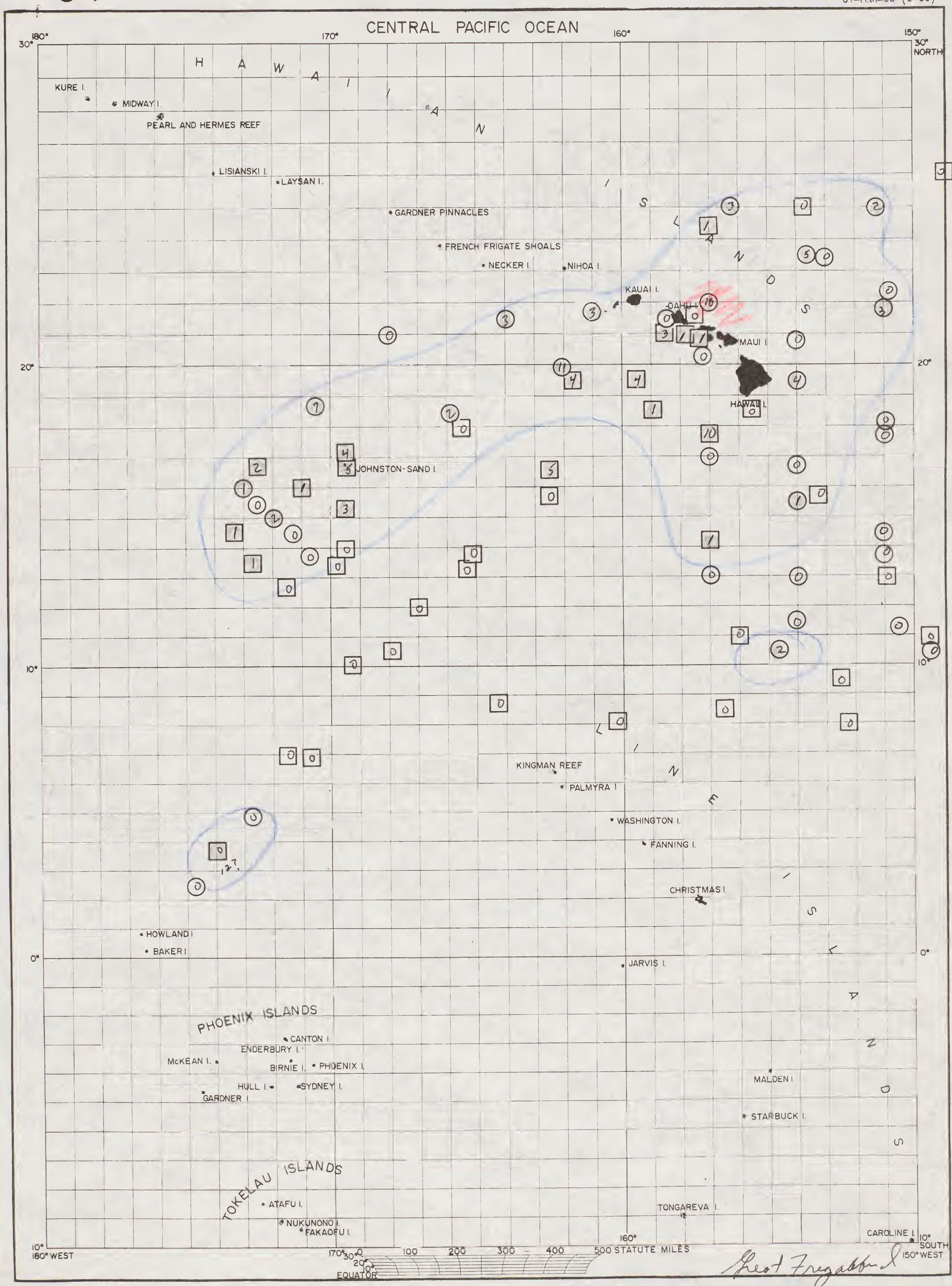


Great Frigatebird

- ☐ 1-15 May
- = 16-31 May
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

MAY

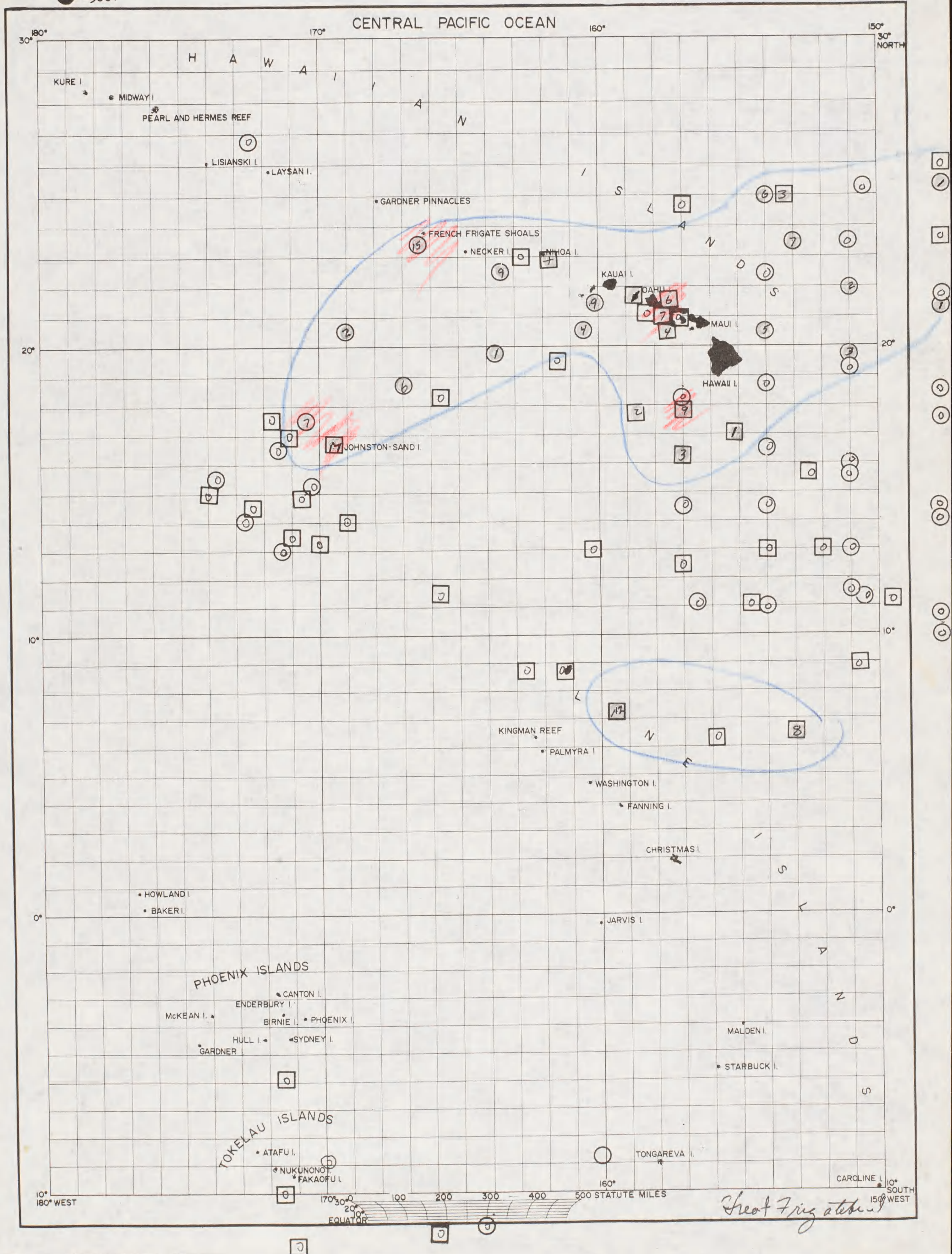
SI-MNH-38 (8-65)



- 1-15 June
- = 16-31 June
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

JUNE

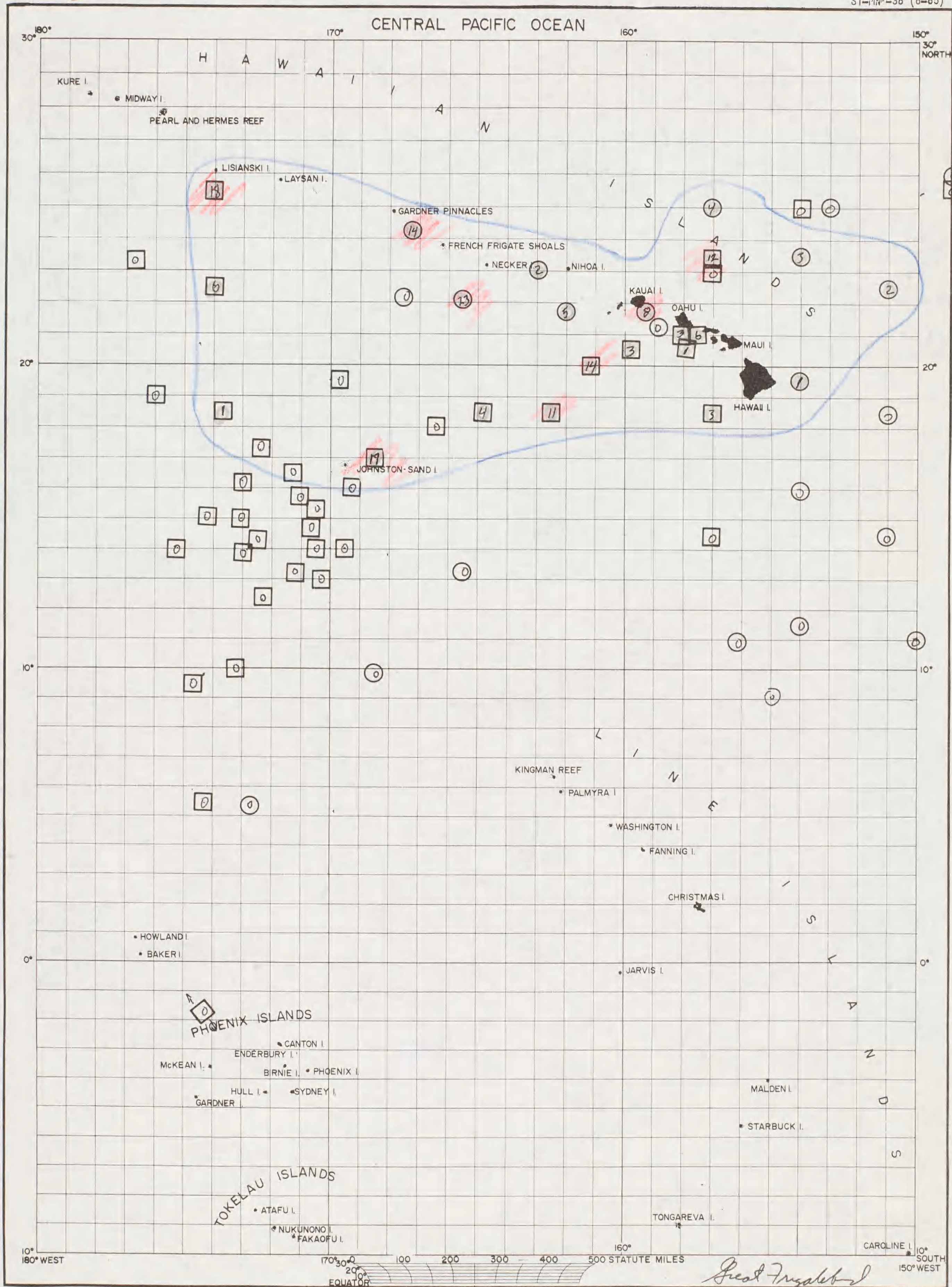
SI-MNH-38 (8-65)



- ☐ 1-15 July
- = 16-31 July
- = 0 birds
- ④ = 1-10 birds
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

JULY

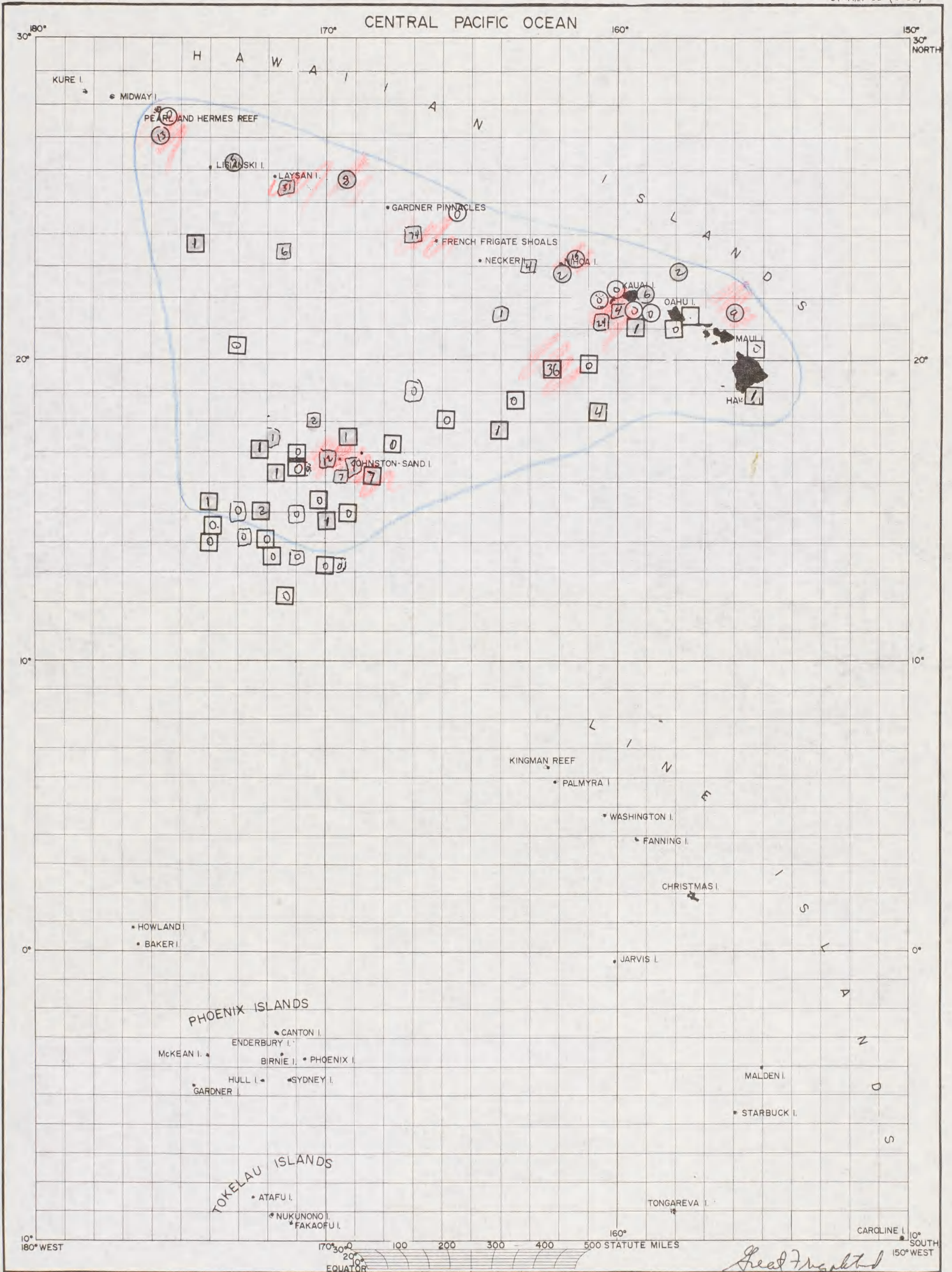
SI-MNP-38 (8-65)



- 1-15 August
- = 16-31 August
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

AUGUST

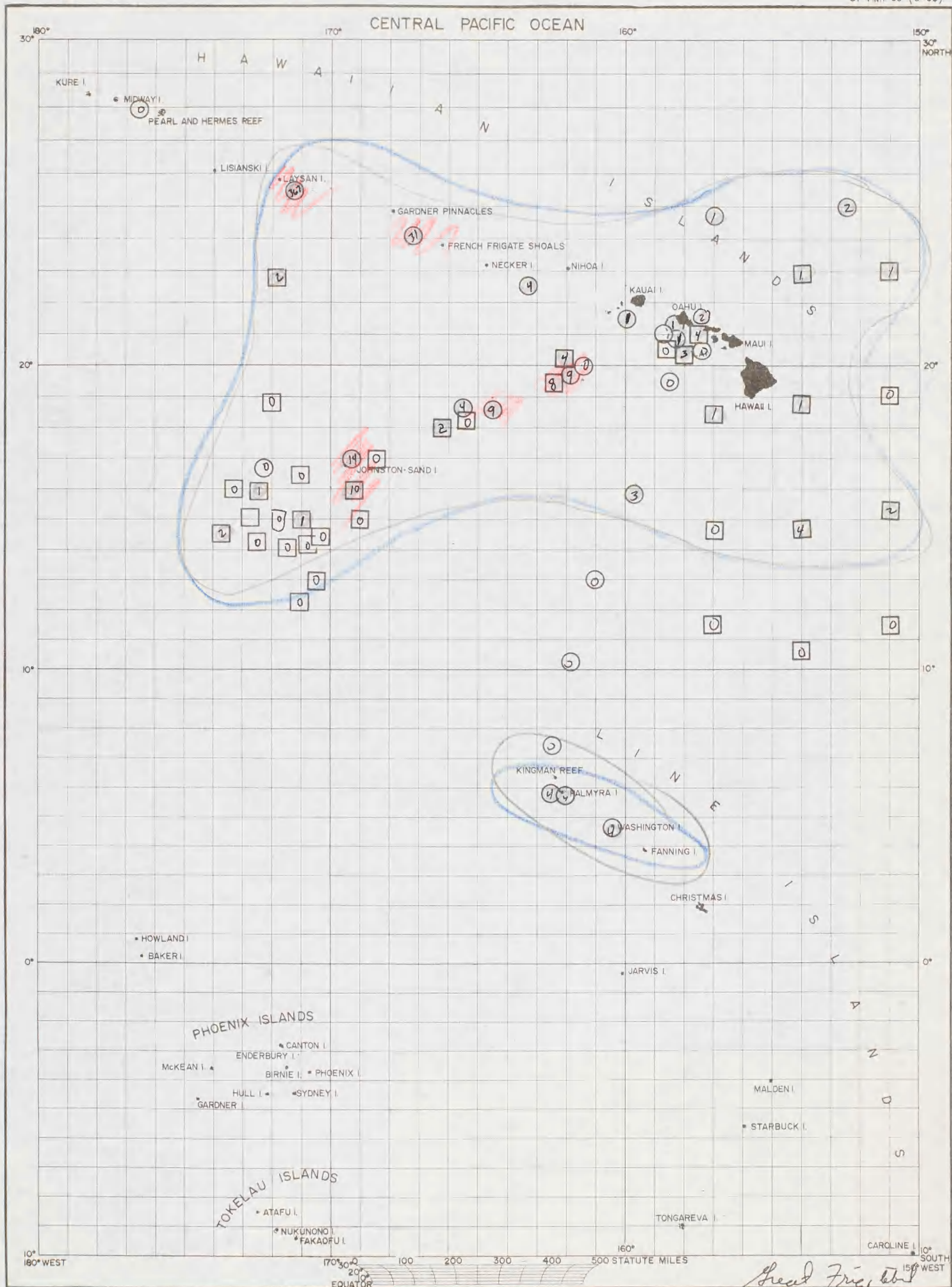
SI-MNH-38 (8-65)



- ☐ 1-15 September
- = 16-31 September
- = 0 birds
- ④ = 1-10 "
- ⊖ = 11-25 "
- ⊕ = 26-50 "
- ⊗ = 51-100 "
- = 101-500 "
- ⬤ = 500+ "

SEPTEMBER

SI-MNH-38 (8-65)

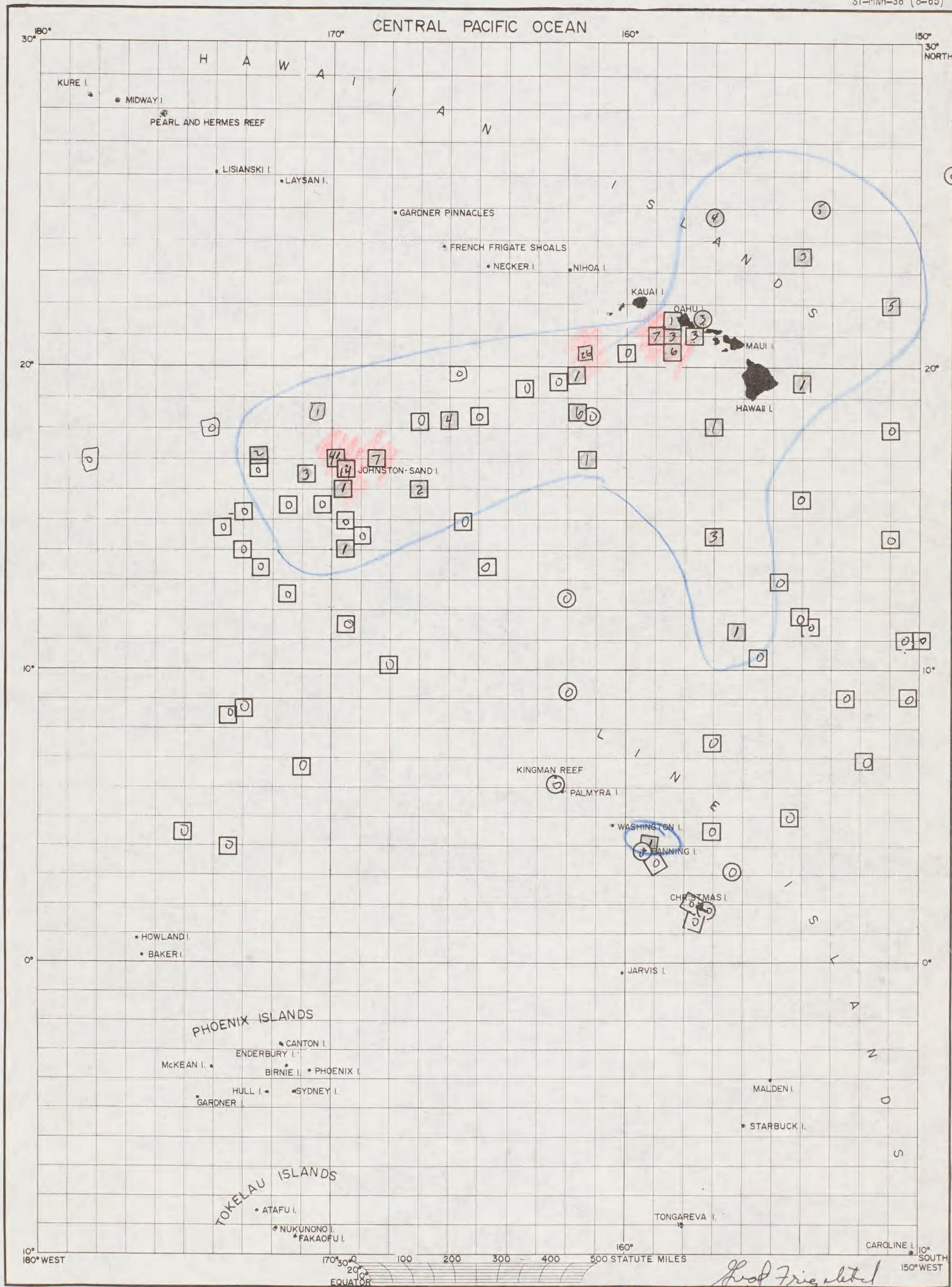


Great Frig. etc.

- 1-15 October
- = 16-31 October
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

OCTOBER

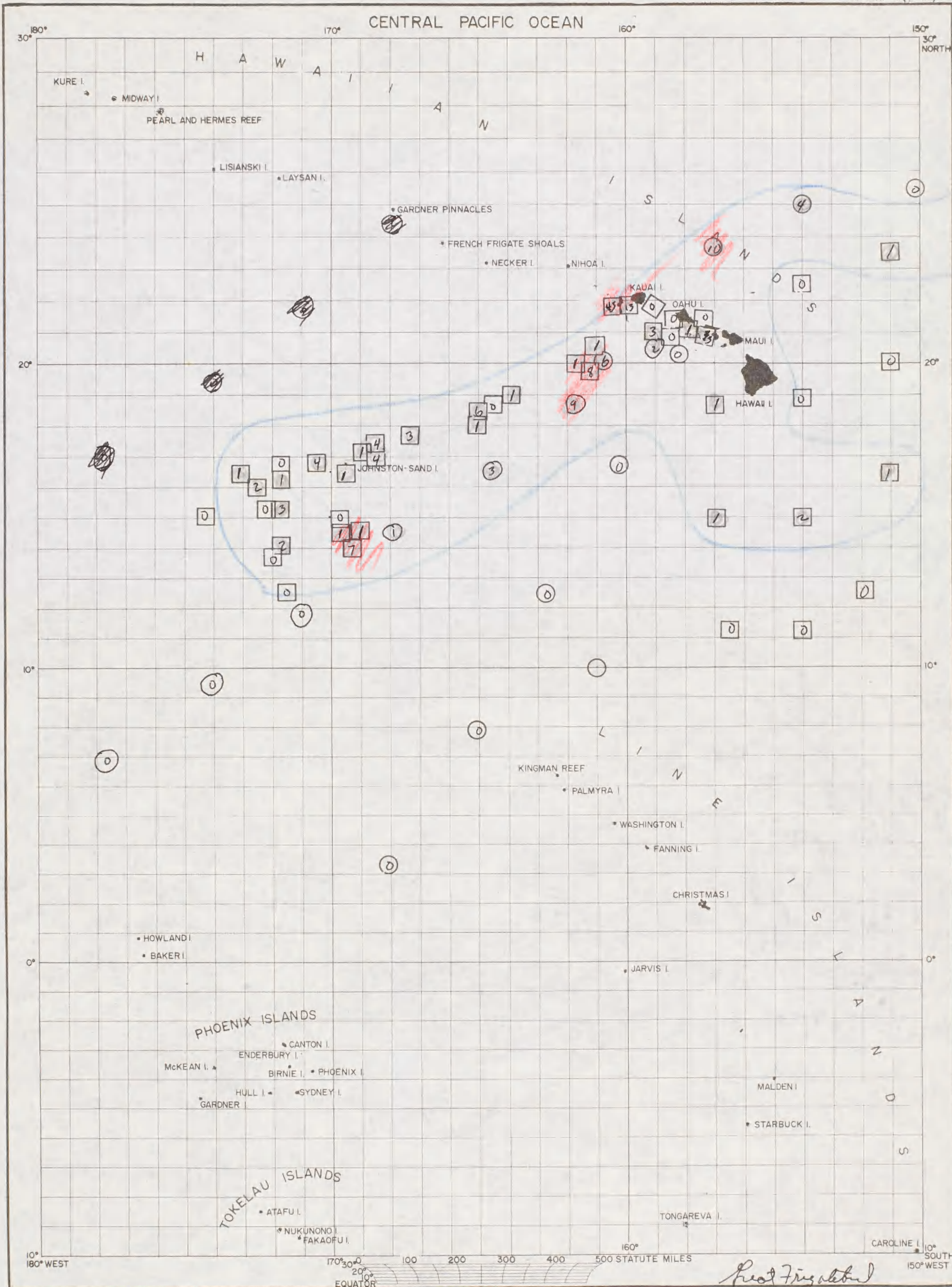
SI-MNH-38 (8-65)



- 1-15 November
- = 16-31 November
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

NOVEMBER

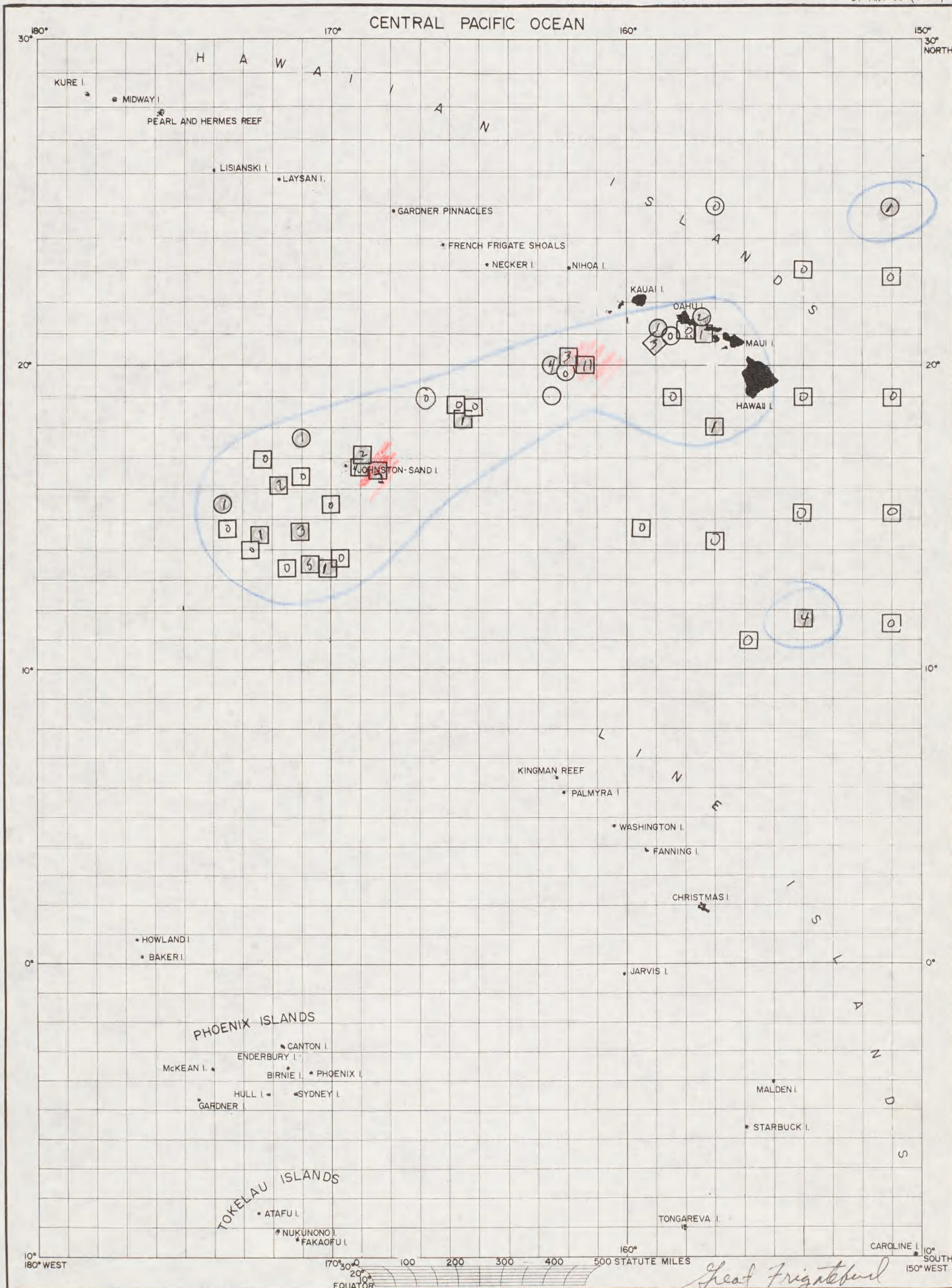
SI-MN-38(8-55)



- ☐ 1-15 December
- = 16-31 December
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

DECEMBER

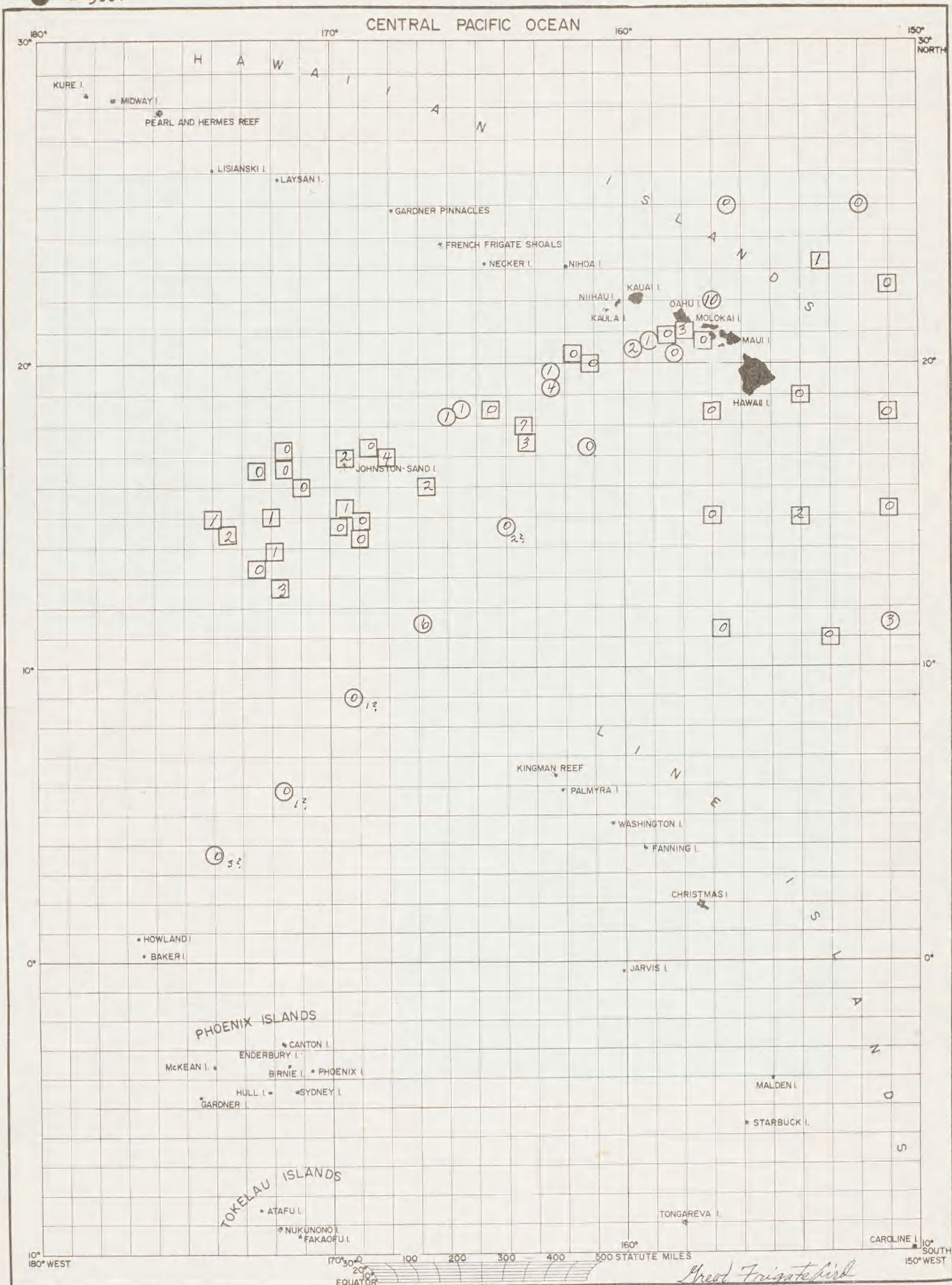
SI-MMM-38 (8-65)



- ☐ = 1-15 January
- ◯ = 16-31 January
- ◯ = 0 birds
- ④ = 1-10 "
- ◯ = 11-25 "
- ◯ = 26-50 "
- ◯ = 51-100 "
- = 101-500 "
- = 500+ "

JANUARY

SI-MN-38 (REV. 9-65)



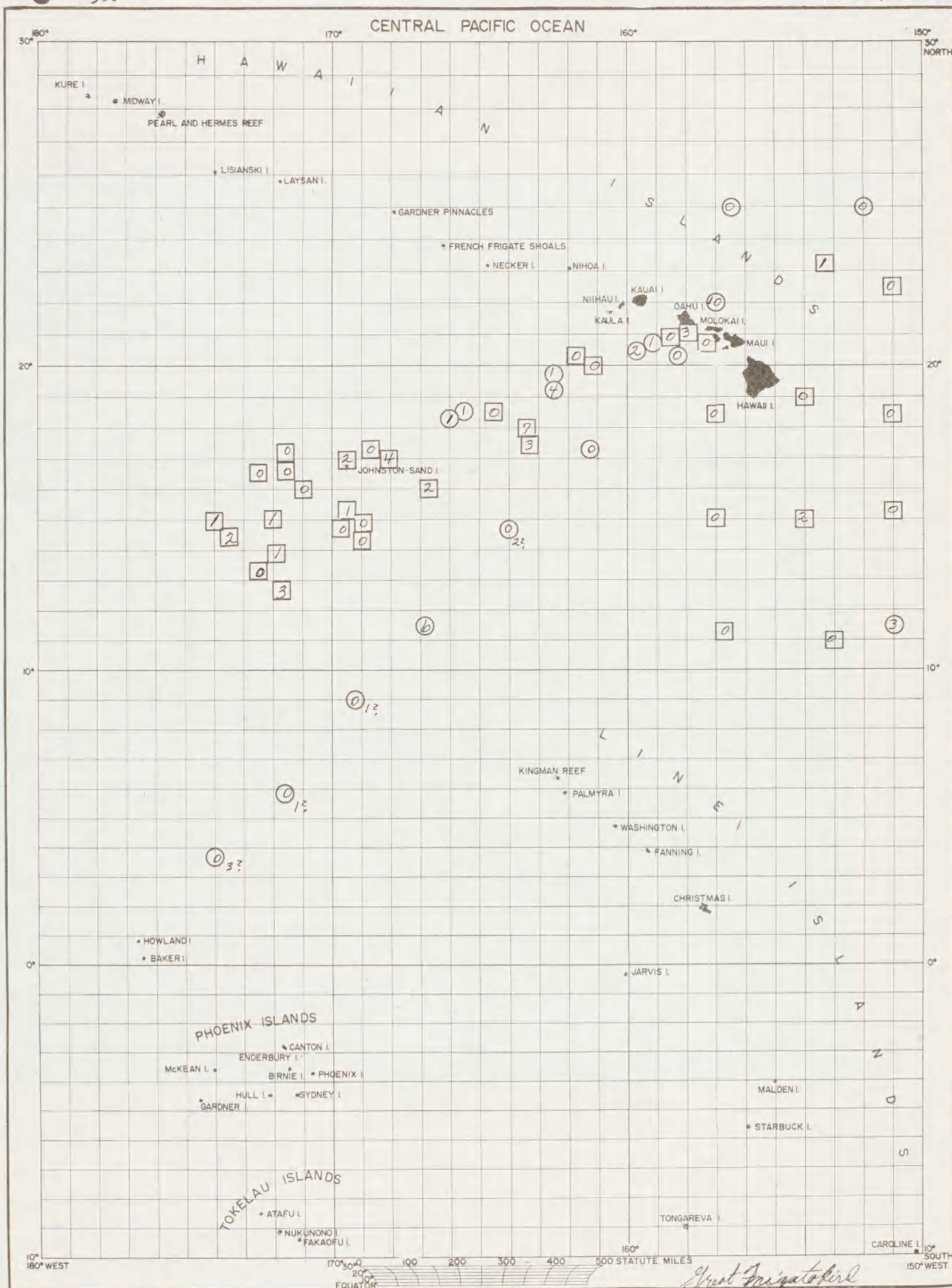
Great Frigatebird

? = doubtful species

- = 1-15 January
- = 16-31 January
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

JANUARY

SI-MN-38 (REV. 9-65)

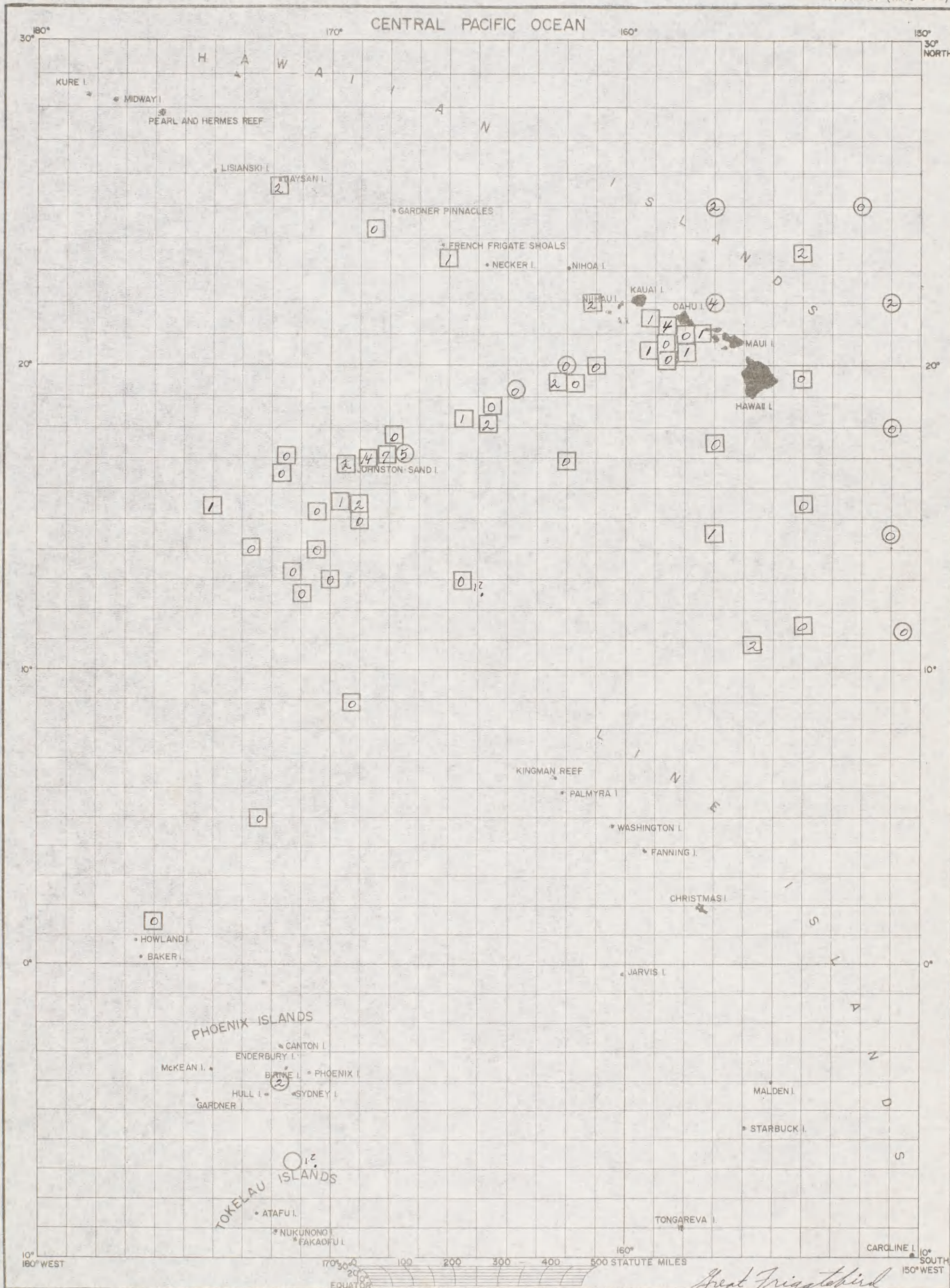


Great Frigatebird
 ? = doubtful species

- ☐ = 1-15 February
- = 16-31 February
- ④ = 0 birds
- = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

FEBRUARY

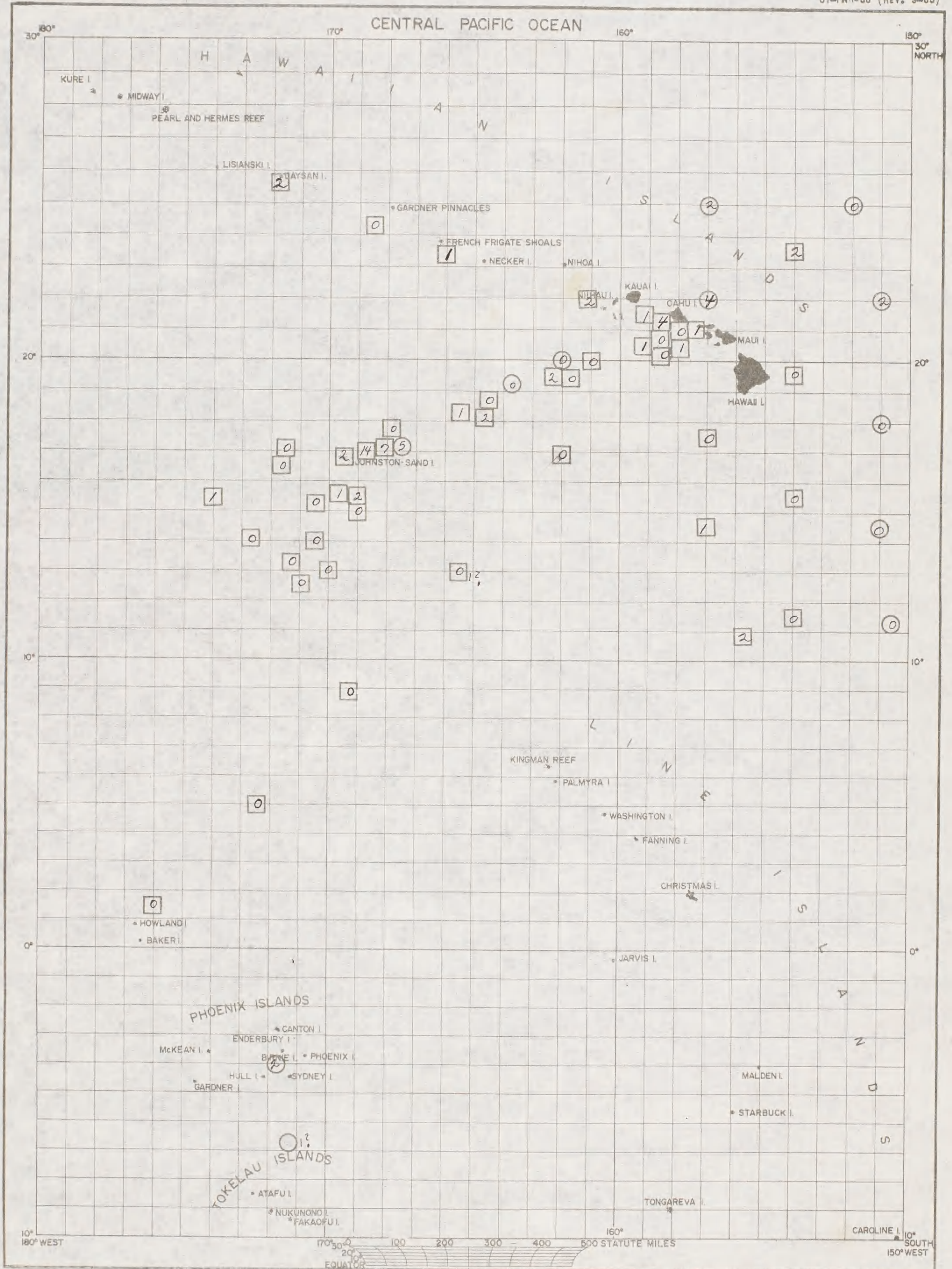
SI-MNH-38 (REV. 9-65)



- ☐ = 1-15 February
- = 16-31 February
- ④ = 0 birds
- = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

FEBRUARY

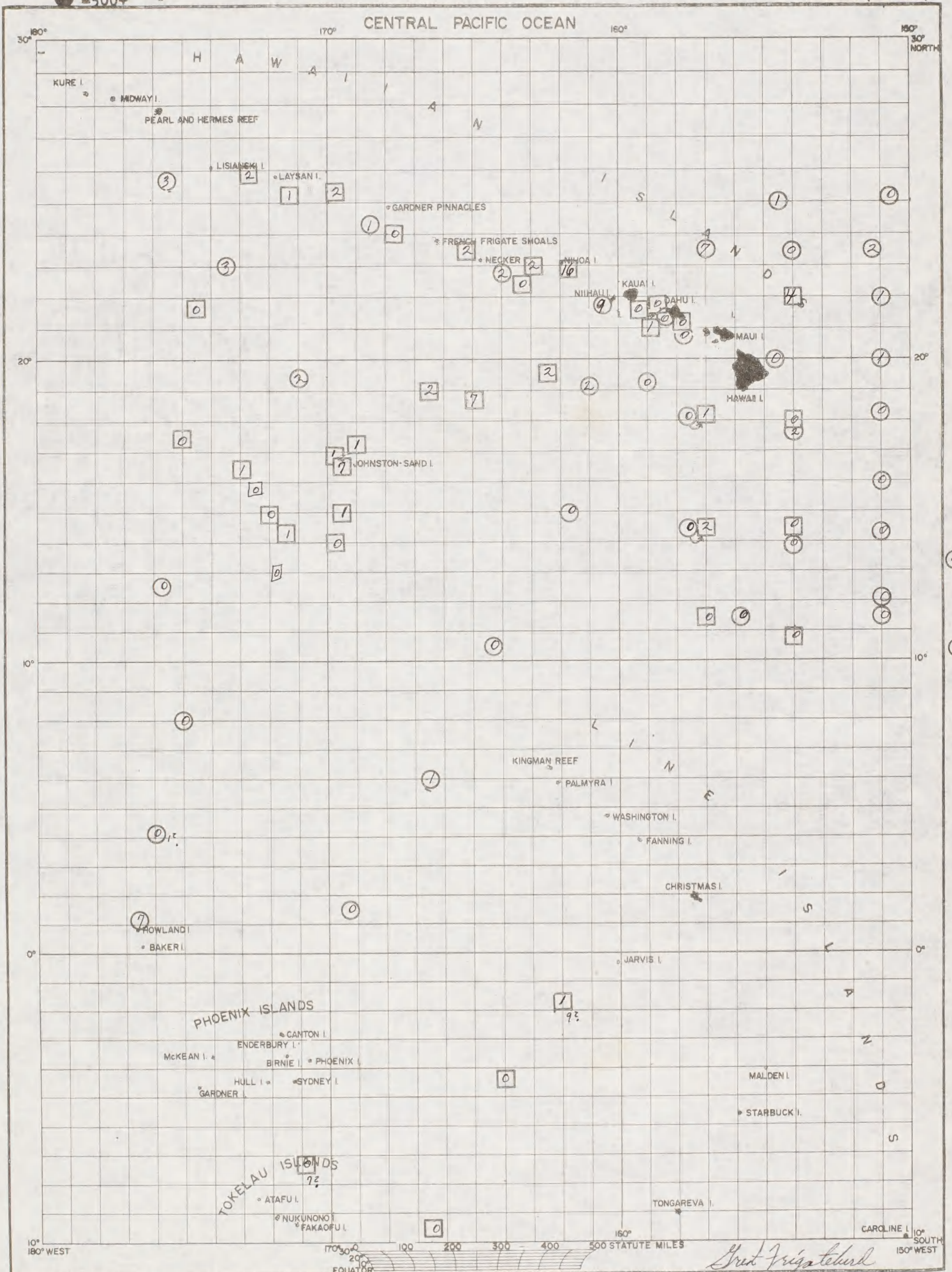
SI-MNH-38 (REV. 9-65)



- ☐ = 1-15 March
- = 16-31 March
- ④ = 0 birds
- = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

MARCH

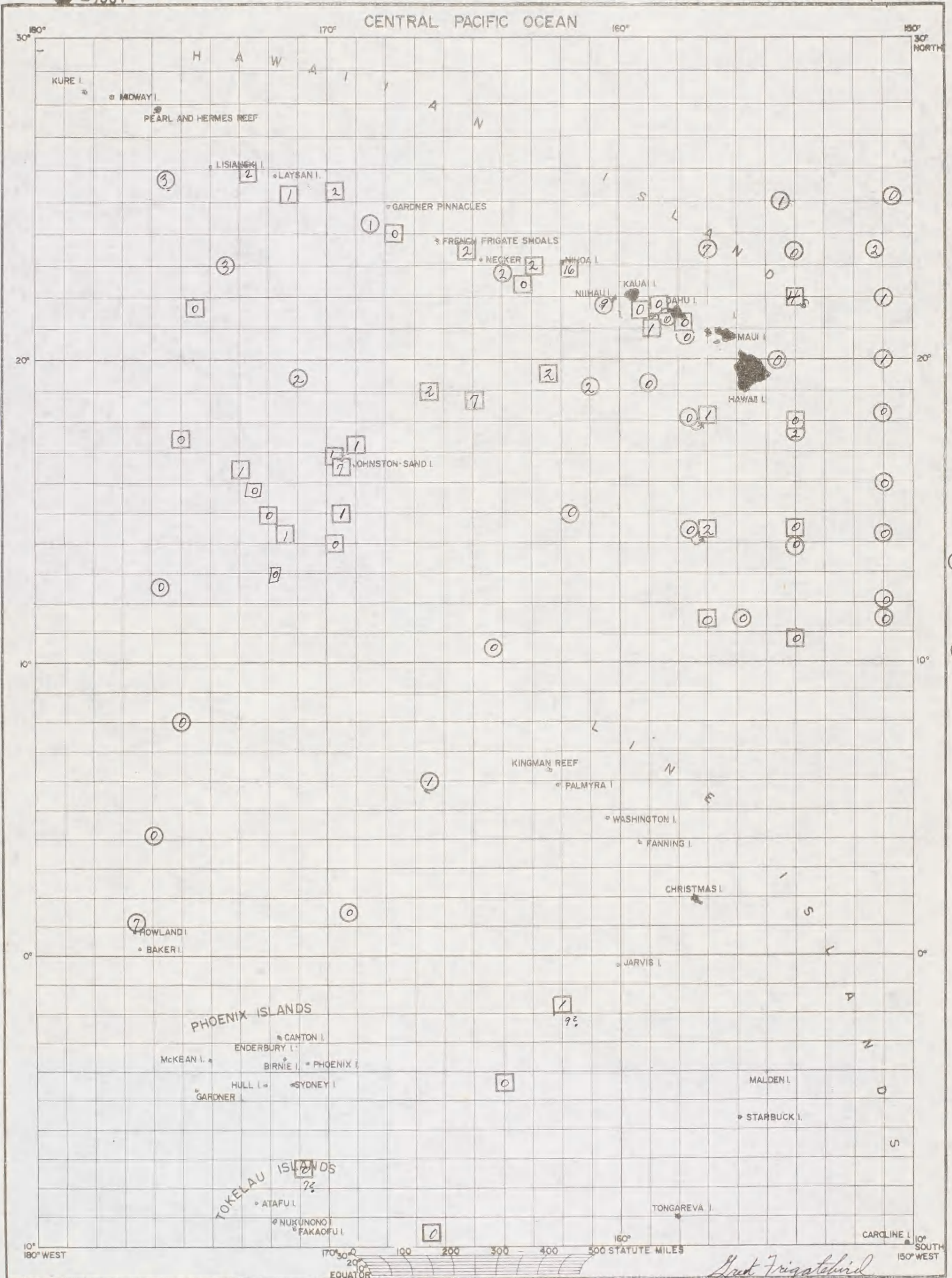
SI-MNH-38 (REV. 9-65)



- ☐ = 1-15 March
- = 16-31 March
- ④ = 0 birds
- = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

MARCH

SI-MNH-38 (REV. 9-85)

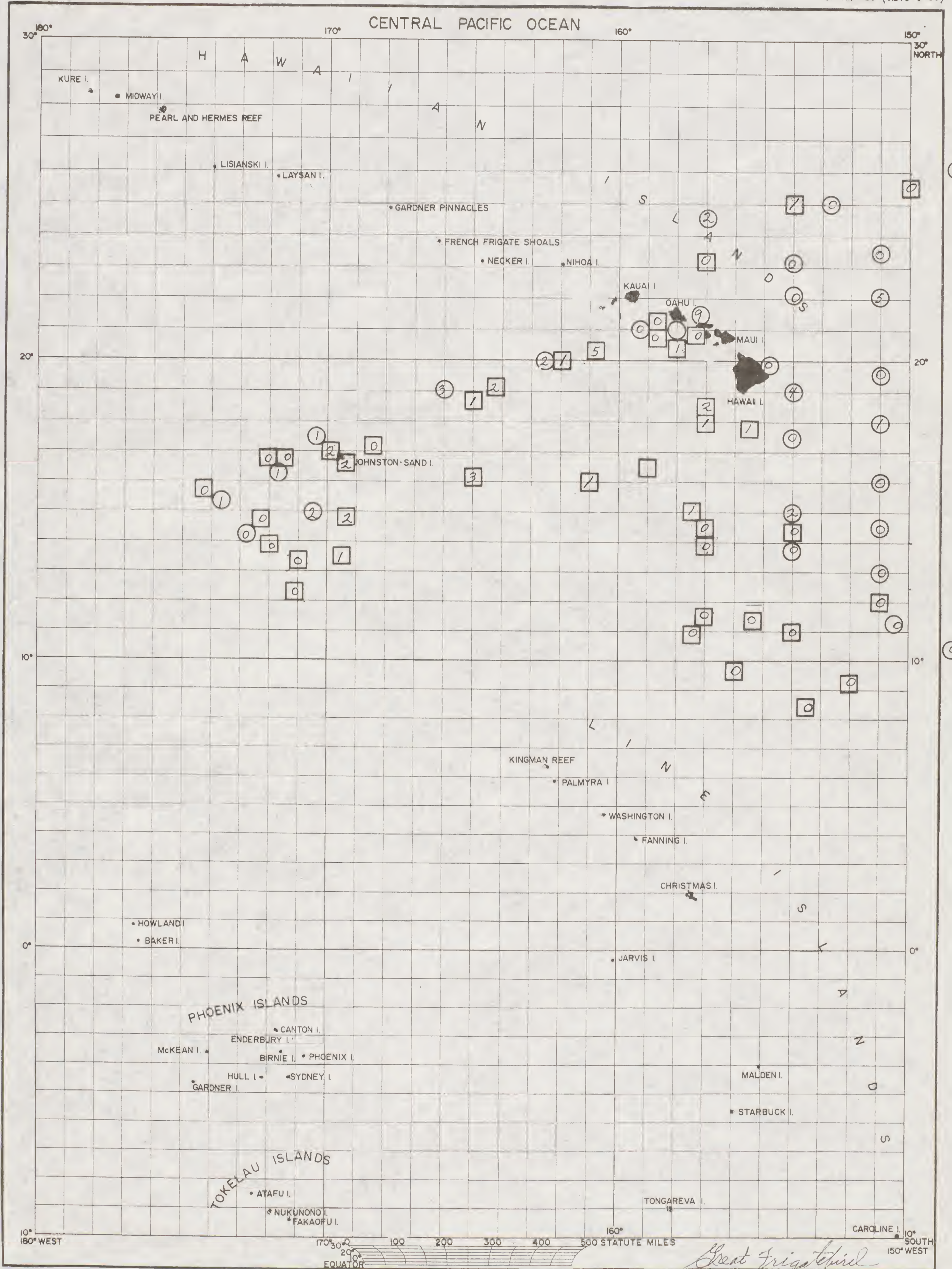


Red Frigatebird

- = 1-15 April
- = 16-31 April
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 50-100 "
- = 101-500 "
- = 500+ "

APRIL

SI-MNH-38 (REV. 9-65)

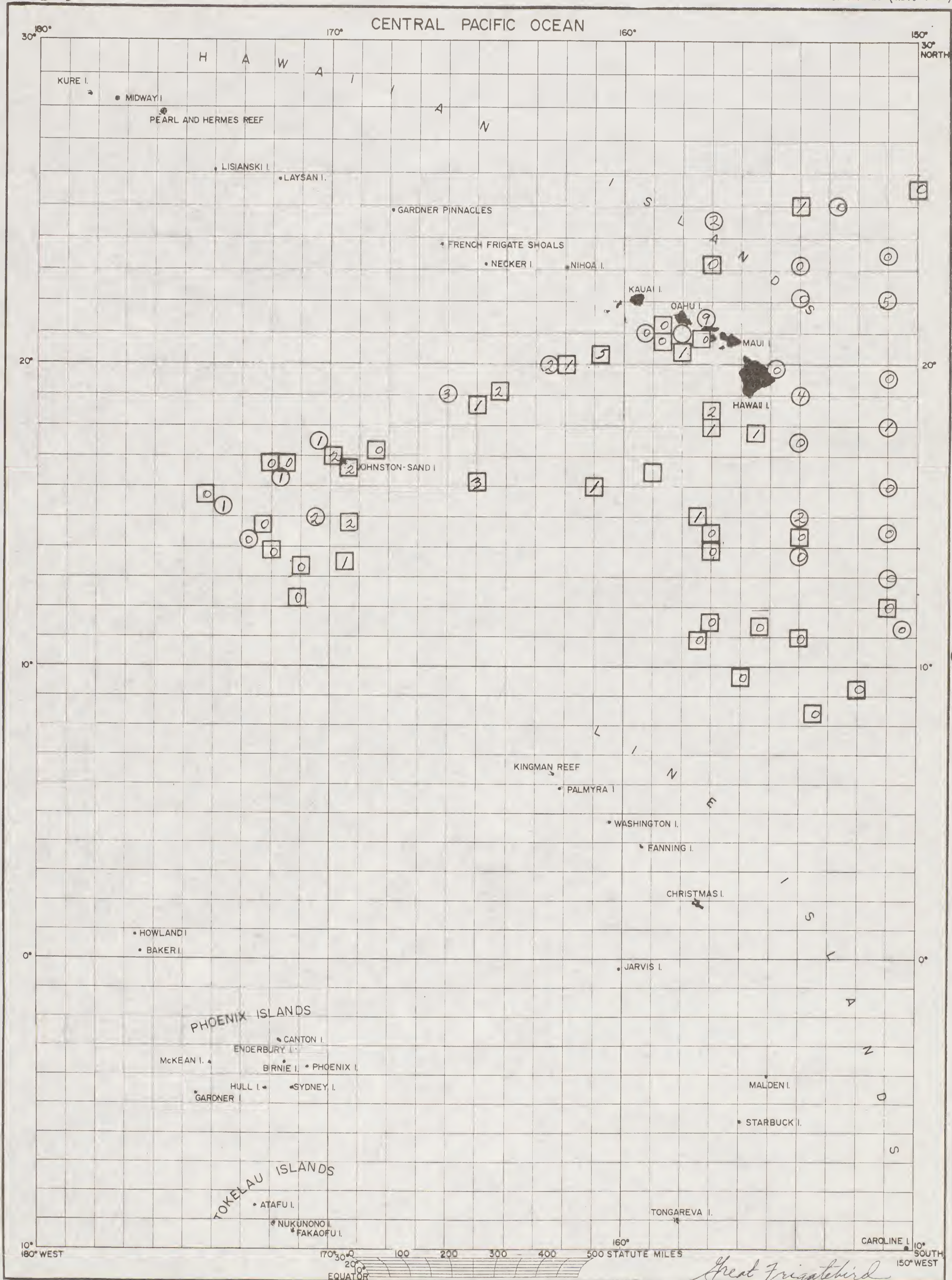


Great Frigatebird

- ☐ = 1-15 April
- ◯ = 16-31 April
- ◯ = 0 birds
- ④ = 1-10 "
- ◯ = 11-25 "
- ◯ = 26-50 "
- ◯ = 50-100 "
- = 101-500 "
- = 500+ "

APRIL

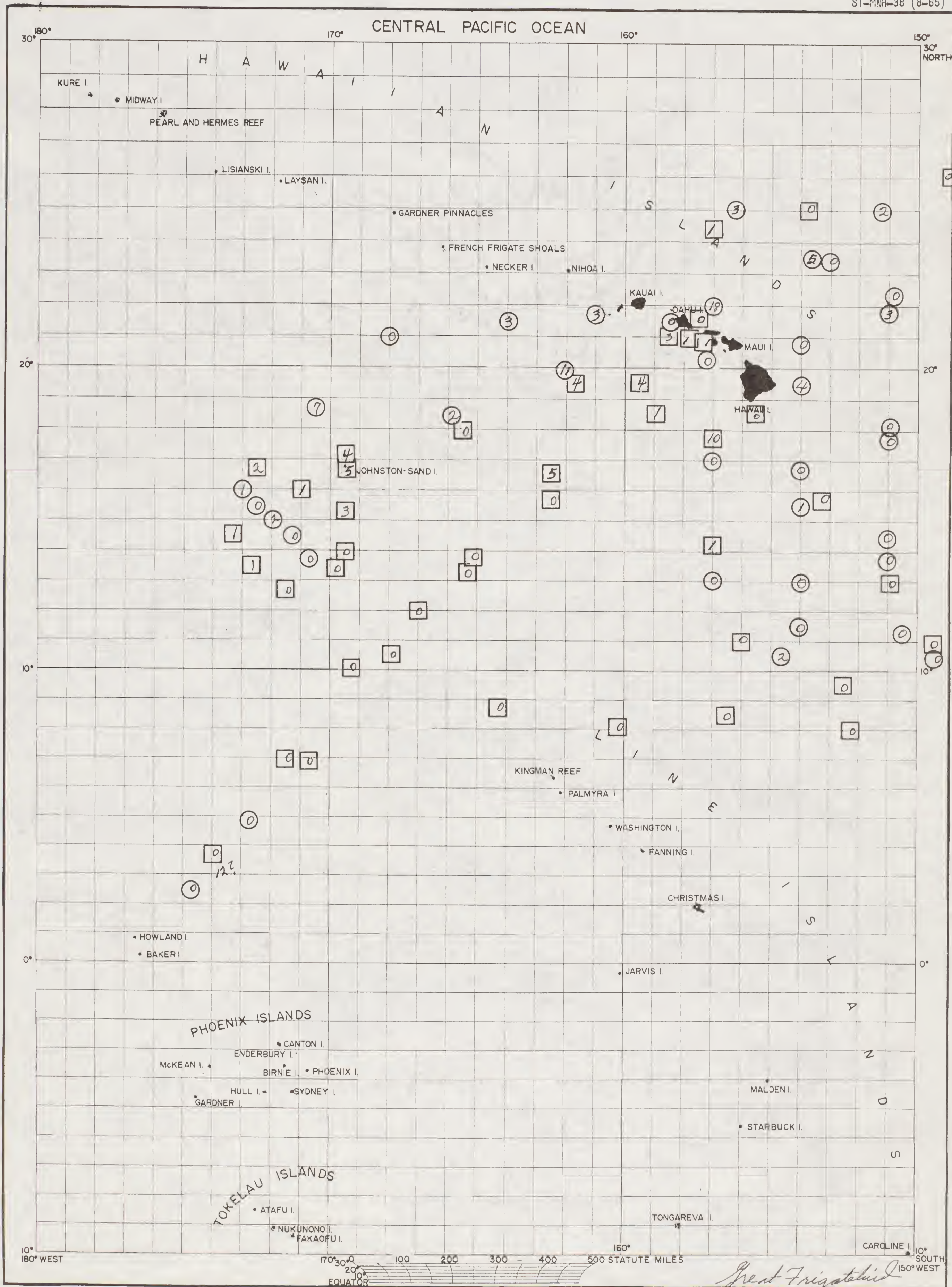
SI-MNH-38 (REV. 9-65)



- 1-15 May
- = 16-31 May
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

MAY

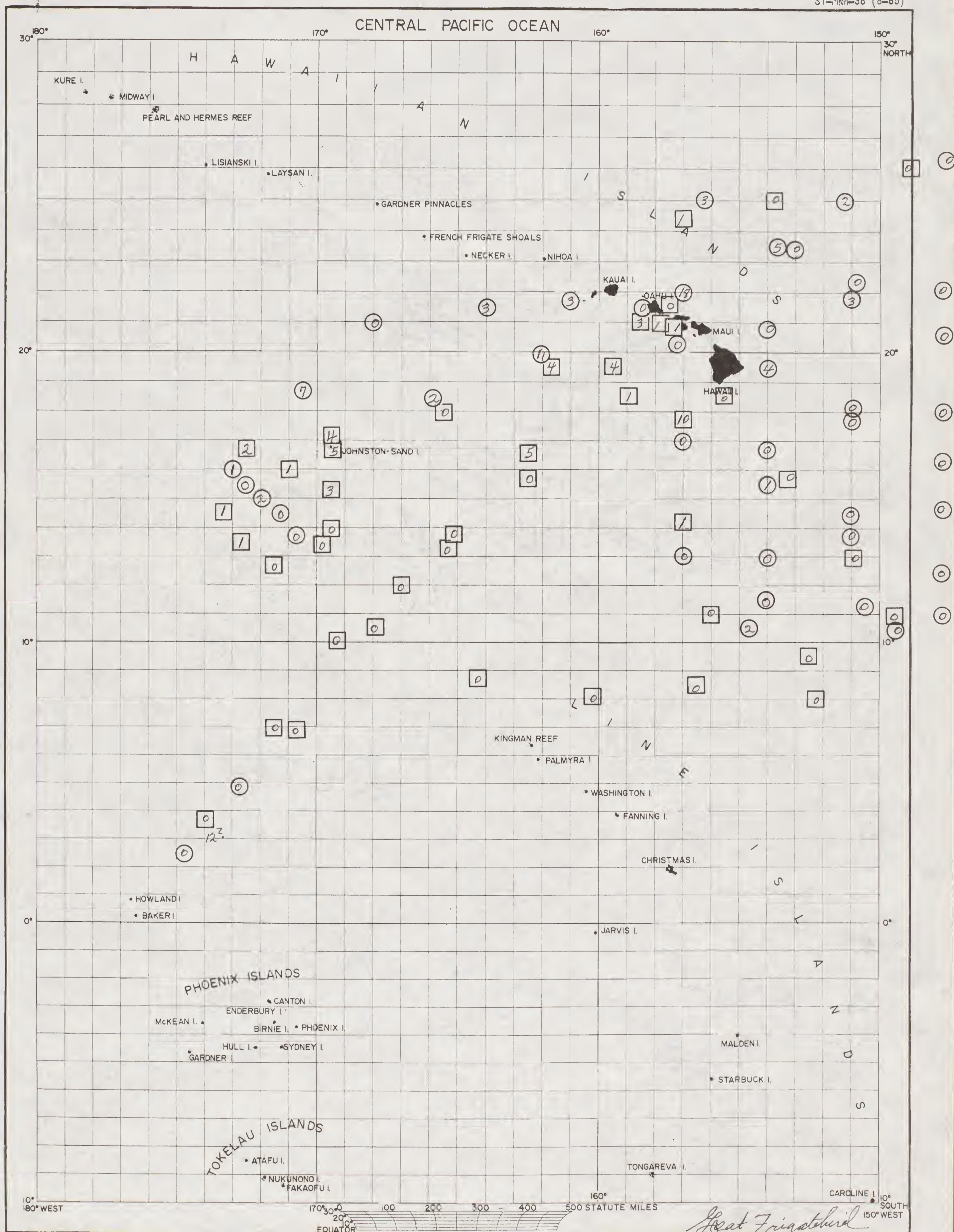
SI-MNH-38 (8-65)



- ☐ 1-15 May
- = 16-31 May
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

MAY

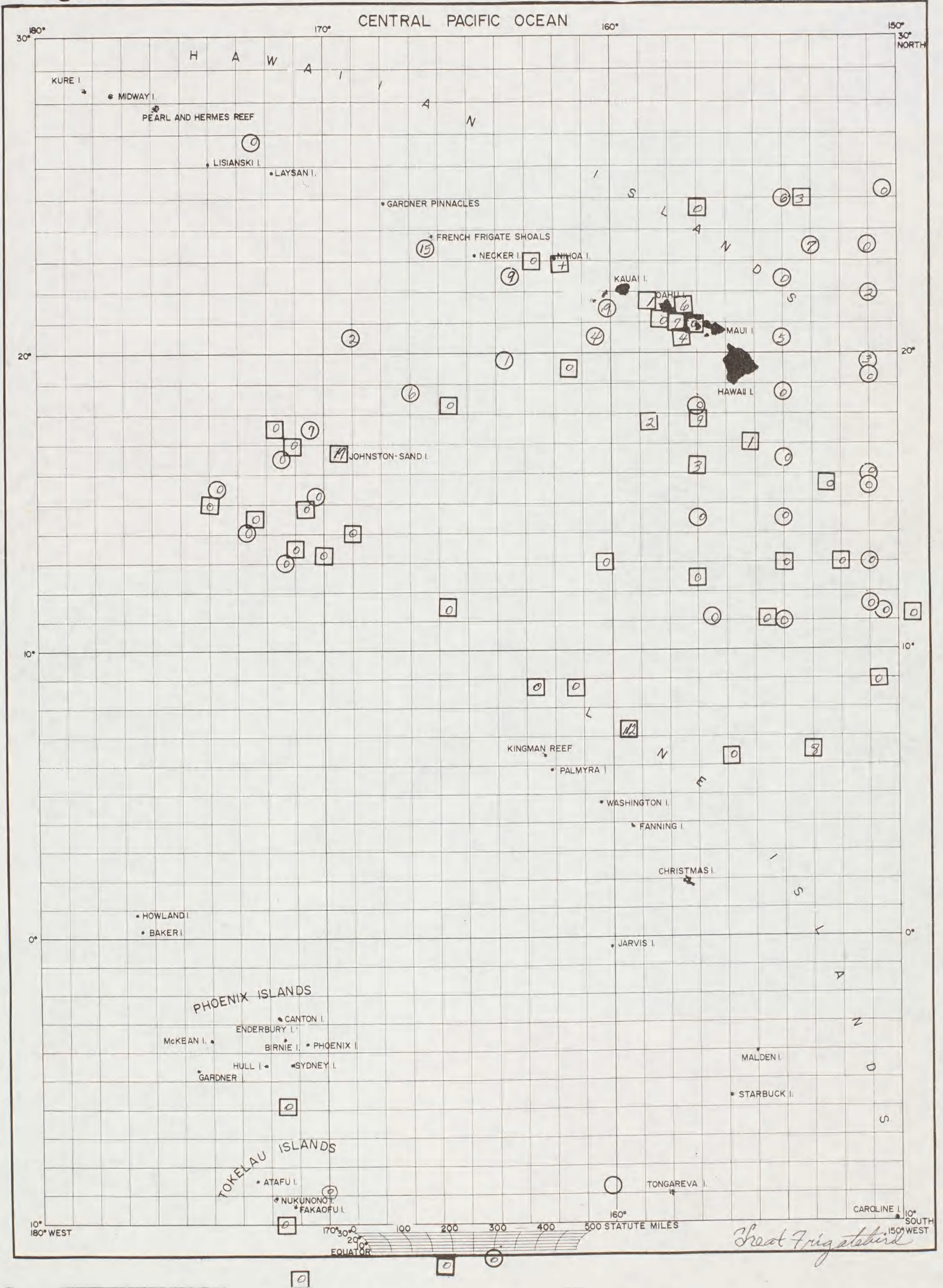
SI-MNH-38 (8-65)



- 1-15 June
- = 16-31 June
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

JUNE

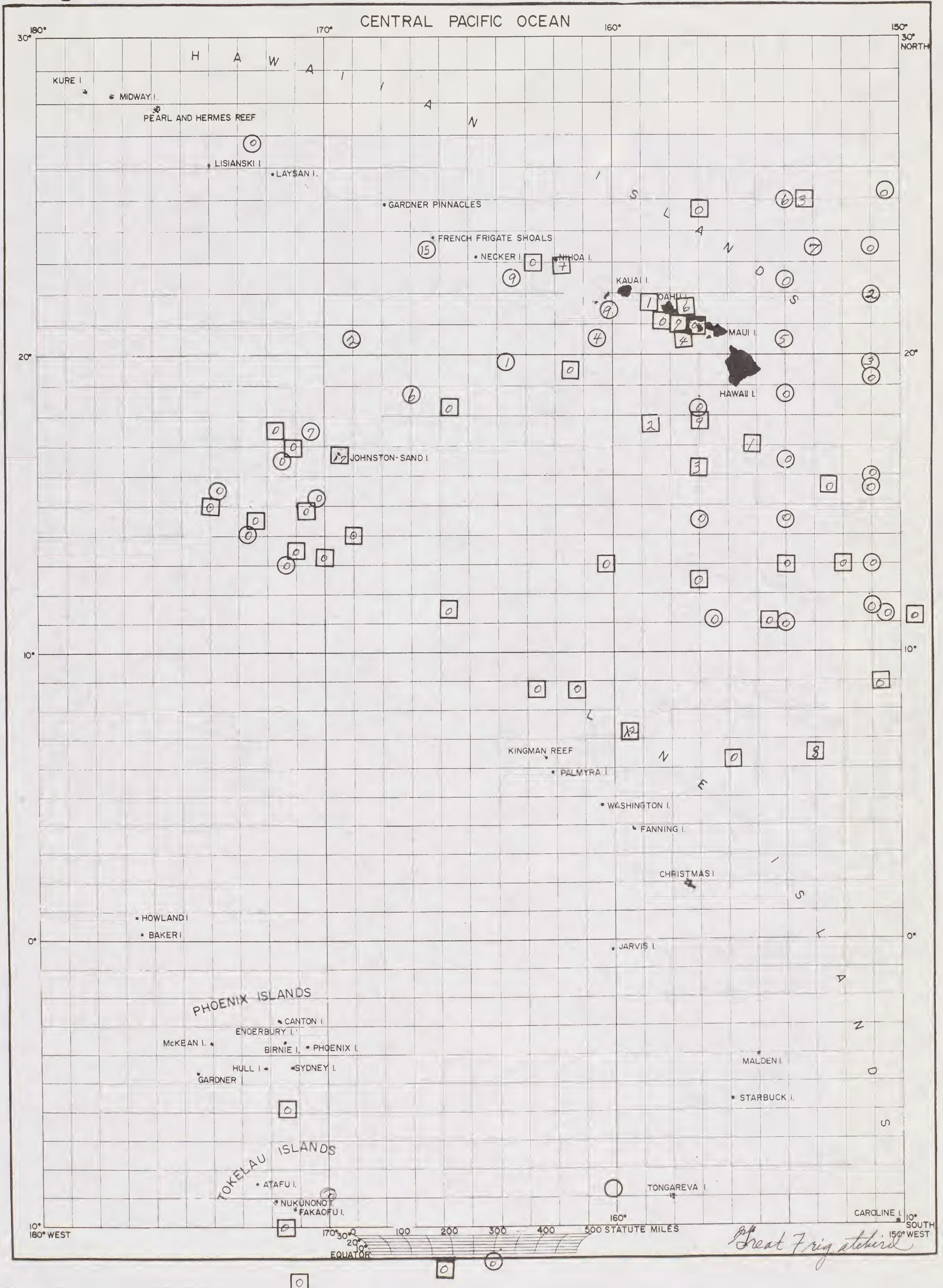
SI-MNH-38 (8-65)



- 1-15 June
- = 16-31 June
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

JUNE

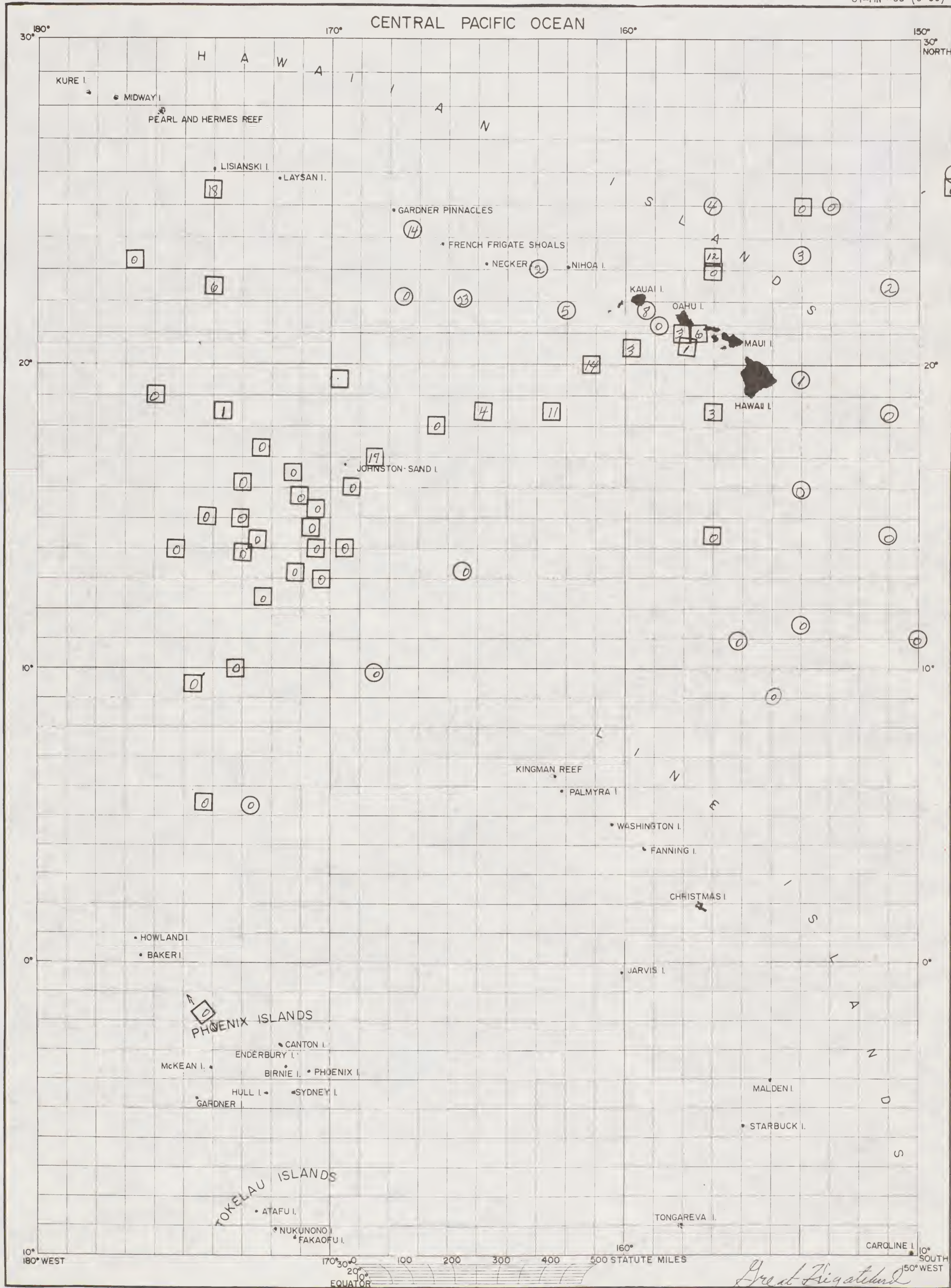
SI-MNH-38 (8-65)



- ☐ 1-15 July
- = 16-31 July
- = 0 birds
- ④ = 1-10 birds
- = 11-25 "
- = 26-50 "
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JULY

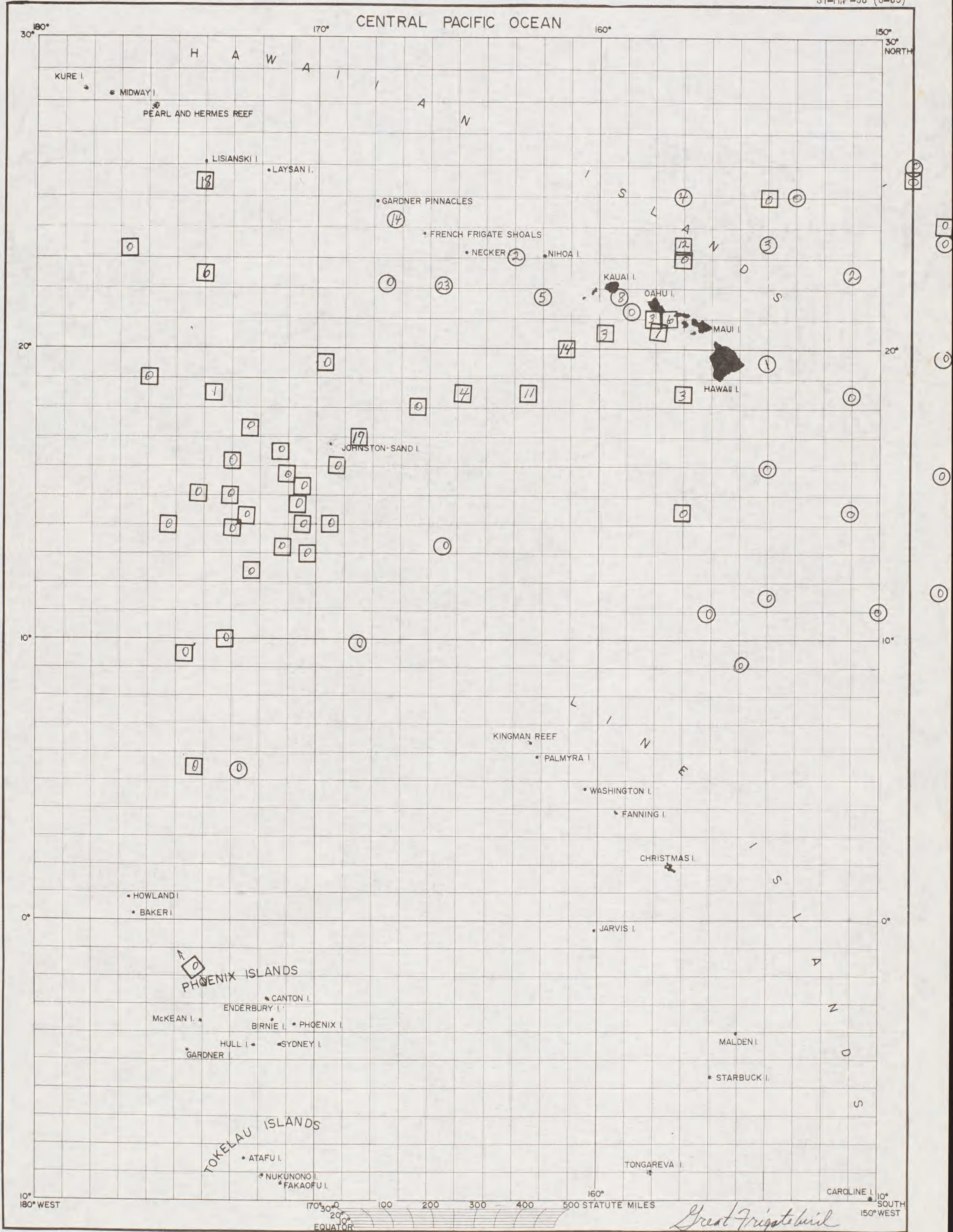
SI-MN-38 (8-65)



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- = 0 birds
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- = 500+ "

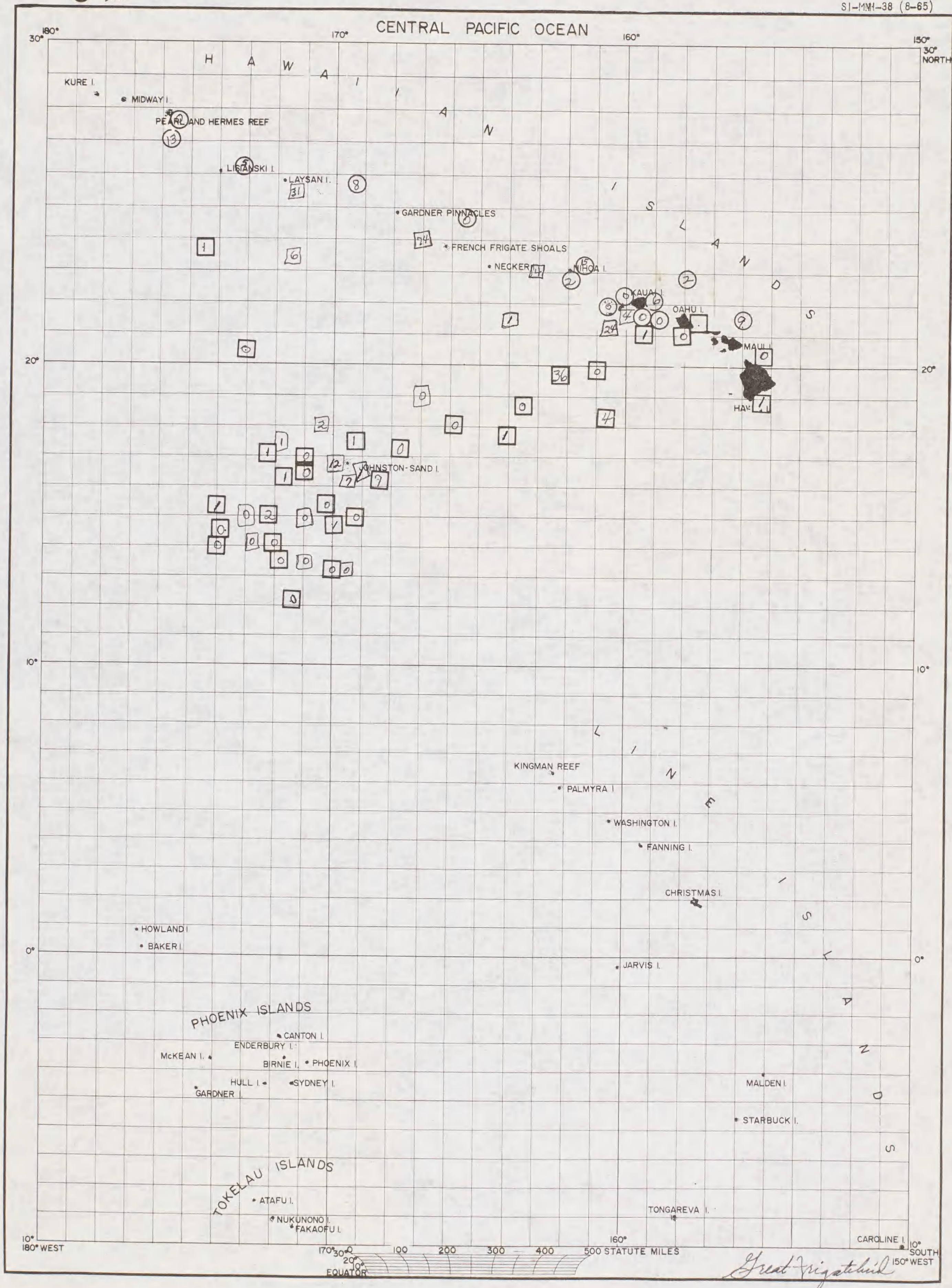
JULY

SI-MN-38 (8-65)



- AUGUST

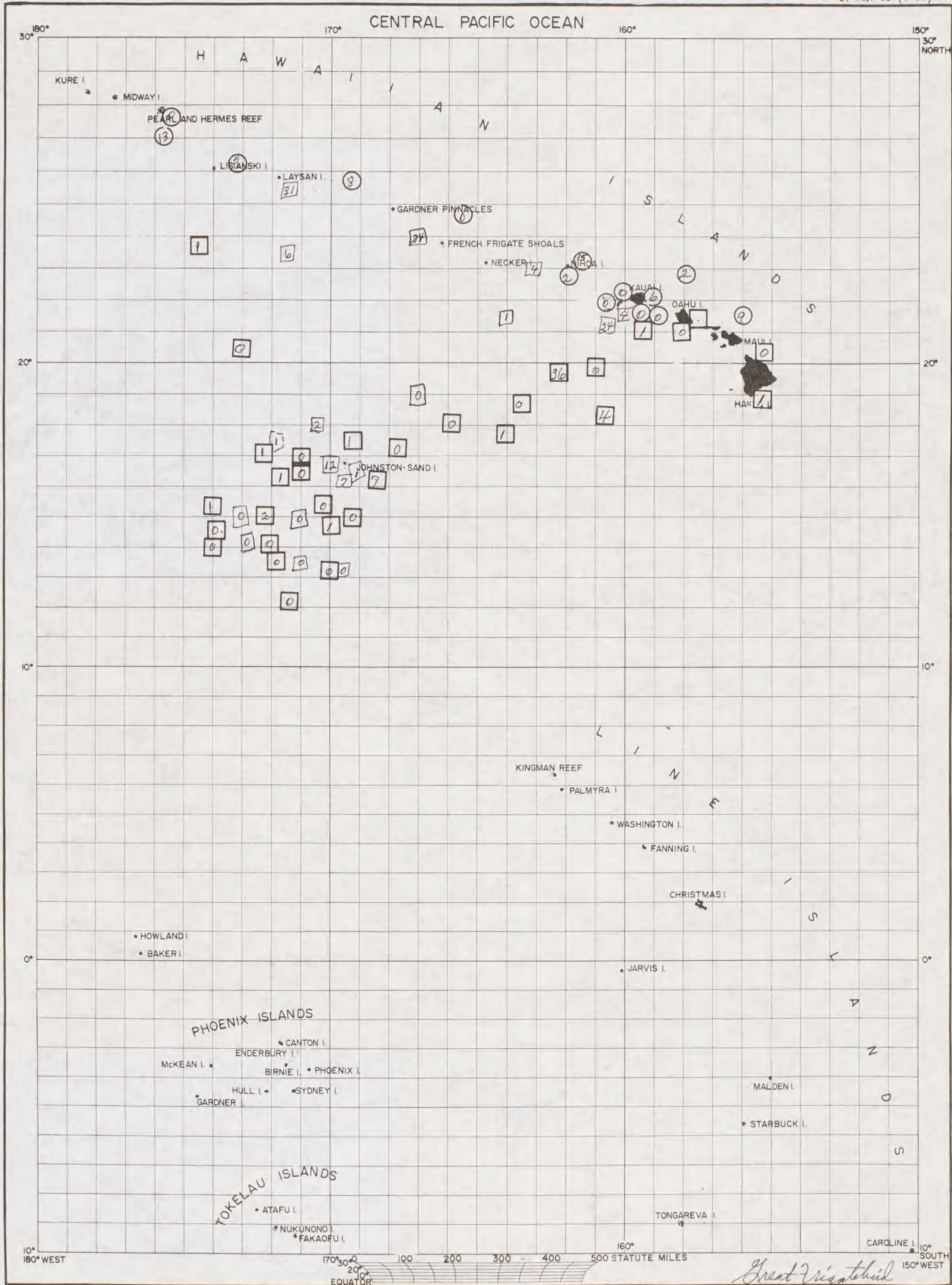
SI-MMI-38 (8-65)



- 1-15 August
- = 16-31 August
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

AUGUST

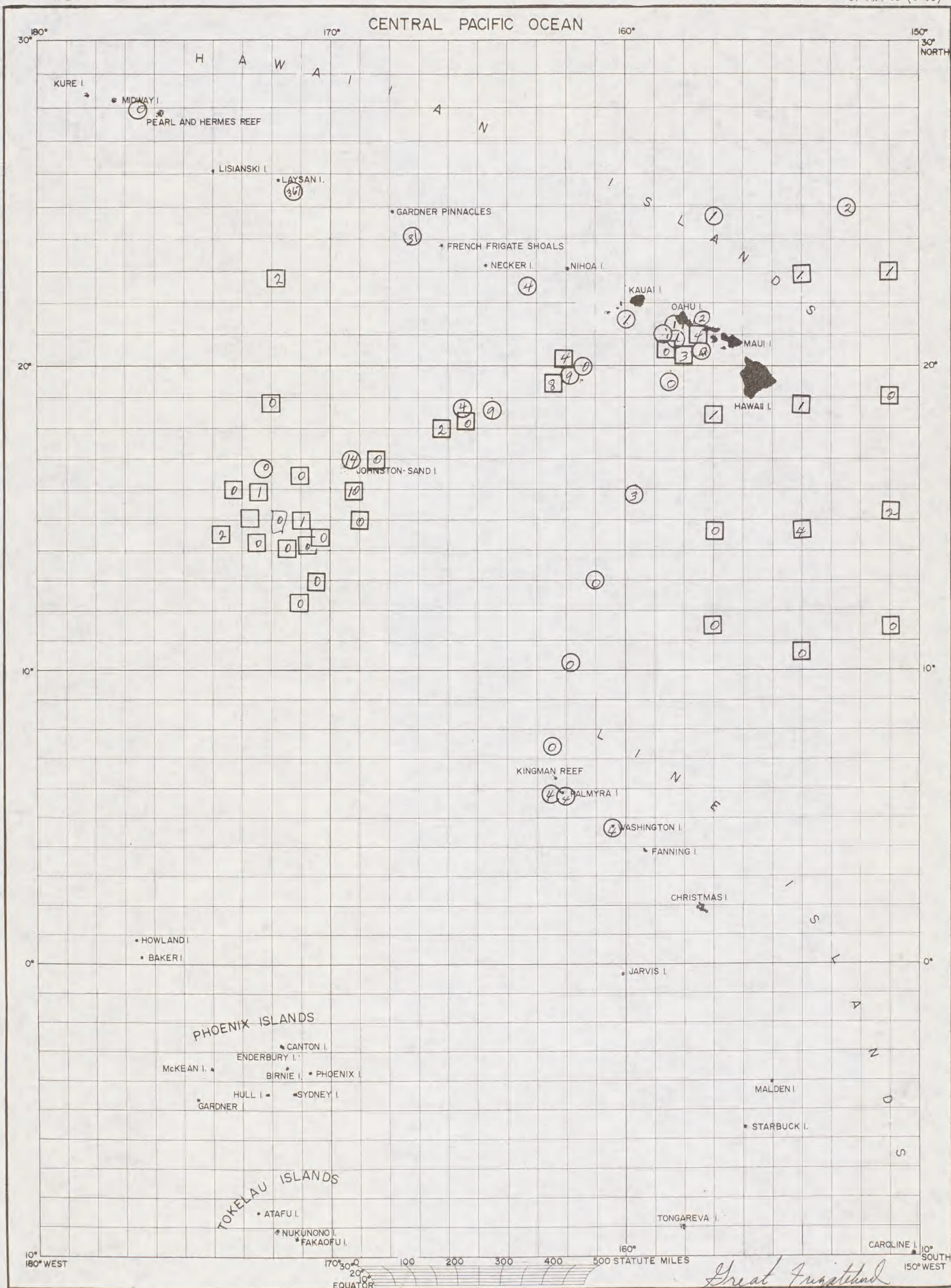
SI-MNH-38 (8-65)



- 1-15 September
- = 16-31 September
- = 0 birds
- ④ = 1-10 "
- ⊖ = 11-25 "
- ⊕ = 26-50 "
- ⊗ = 51-100 "
- = 101-500 "
- = 500+ "

SEPTEMBER

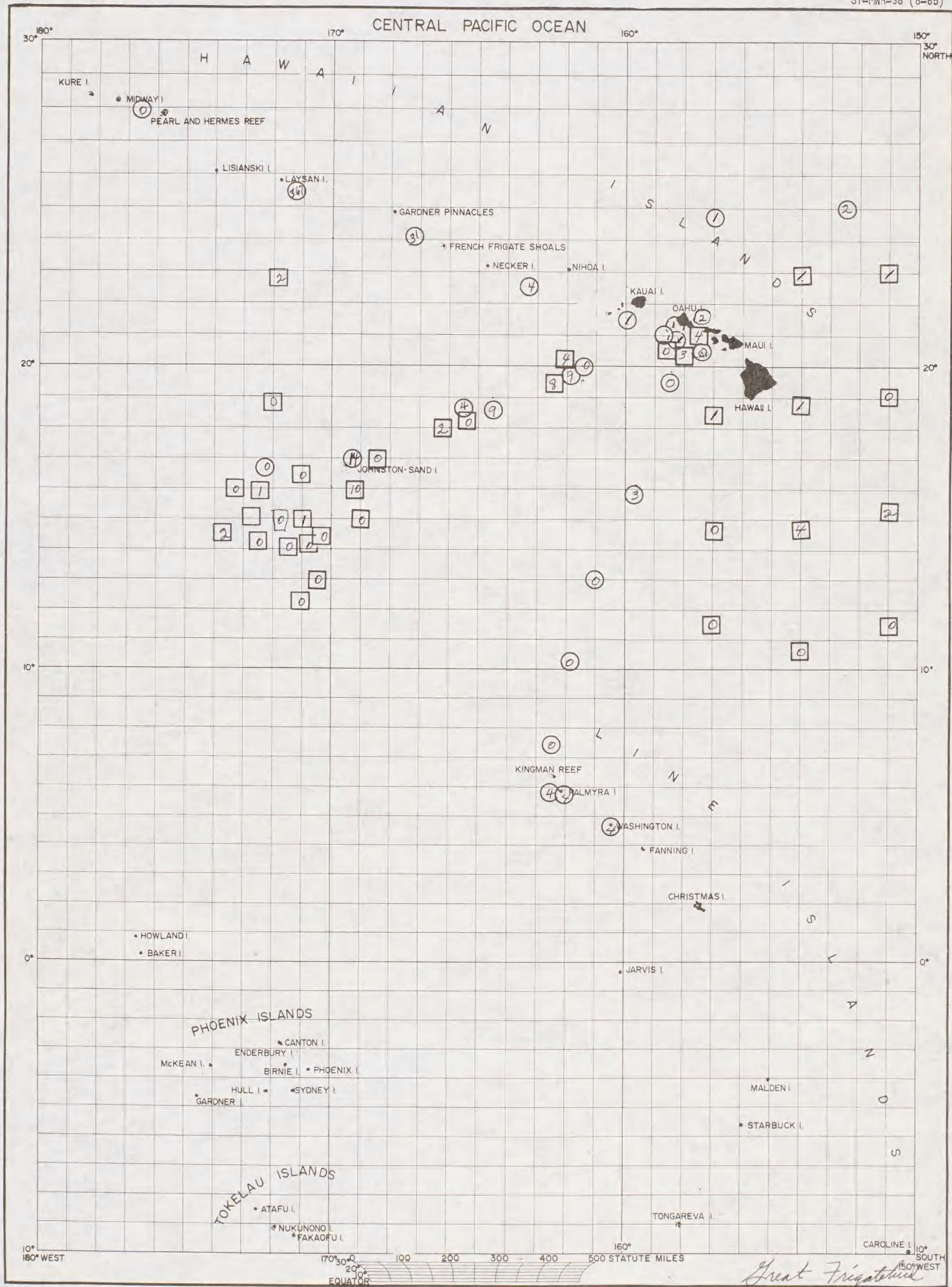
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SEPTEMBER

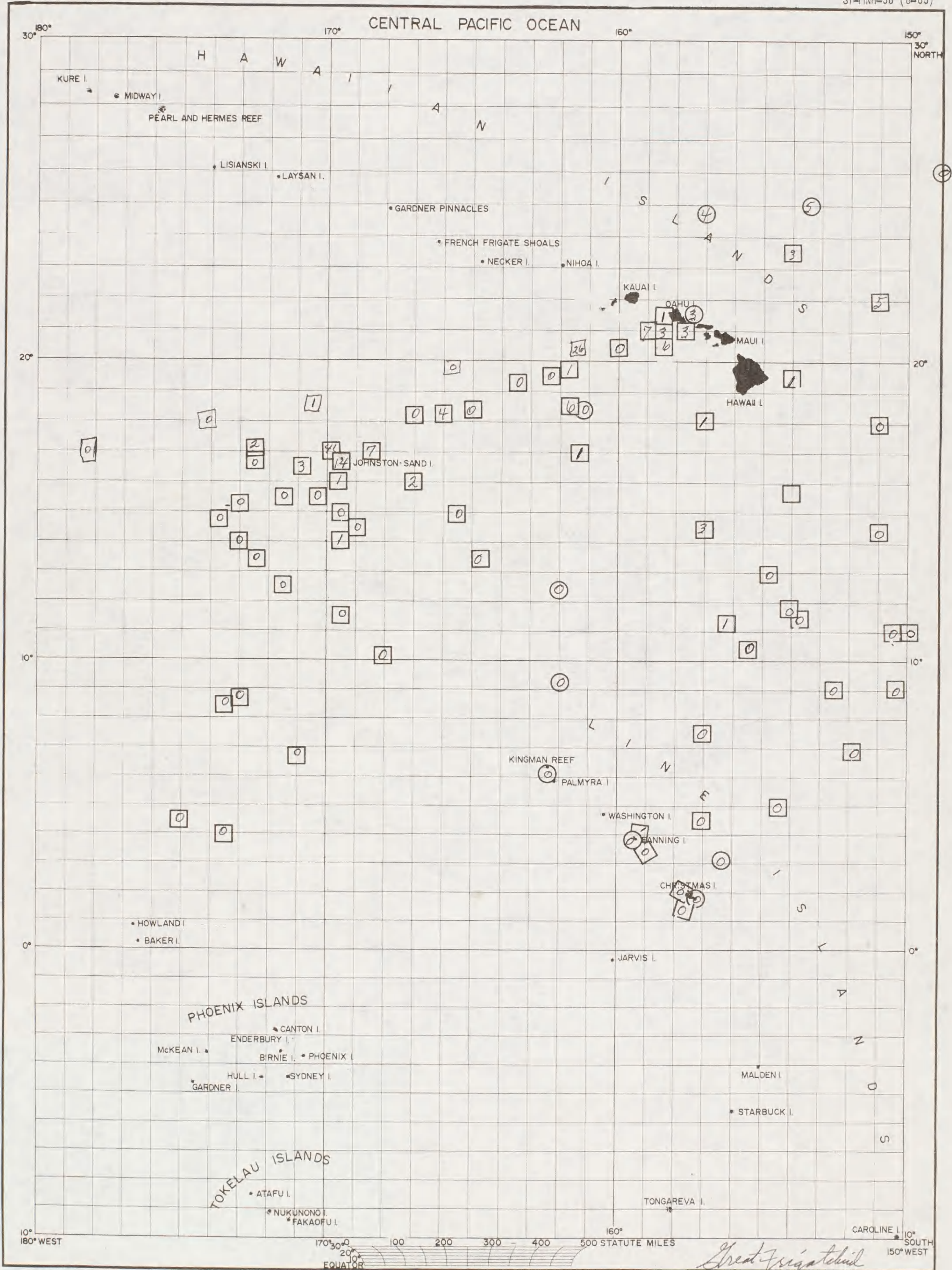
SI-MNH-38 (8-65)



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- = 101-500 "
- = 500+ "

OCTOBER

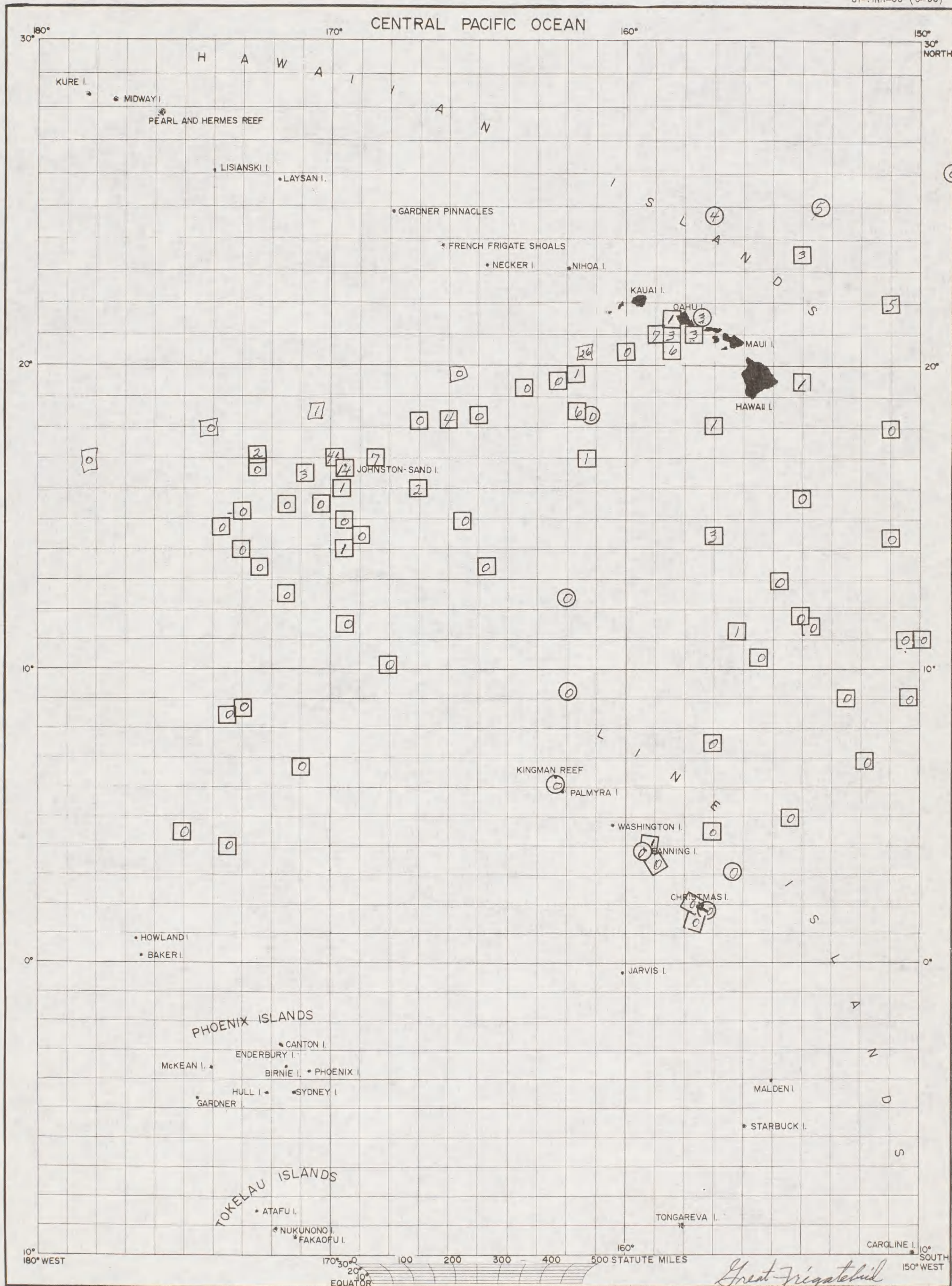
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OCTOBER

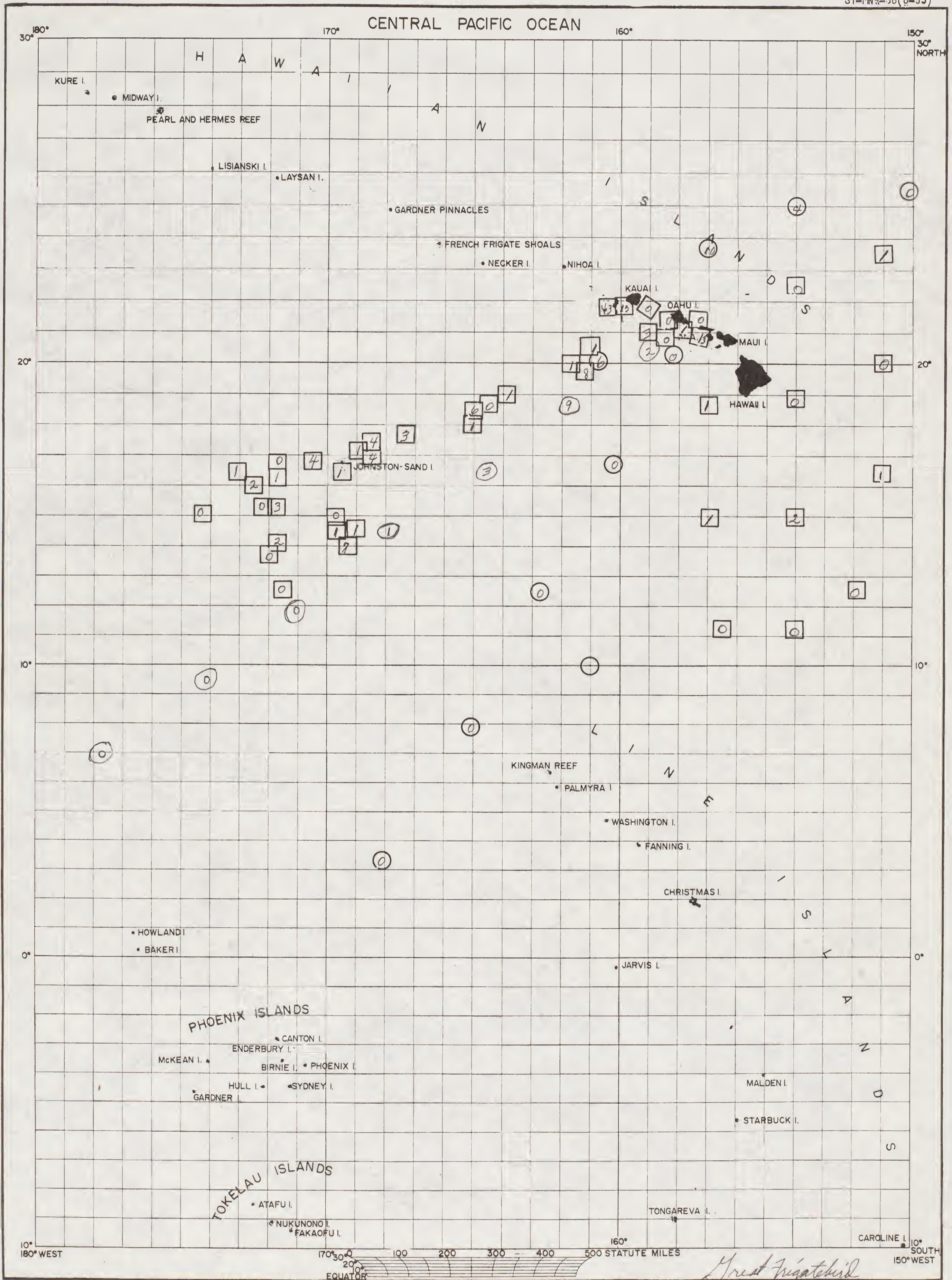
SI-MNH-38 (8-65)



- 1-15 November
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- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

NOVEMBER

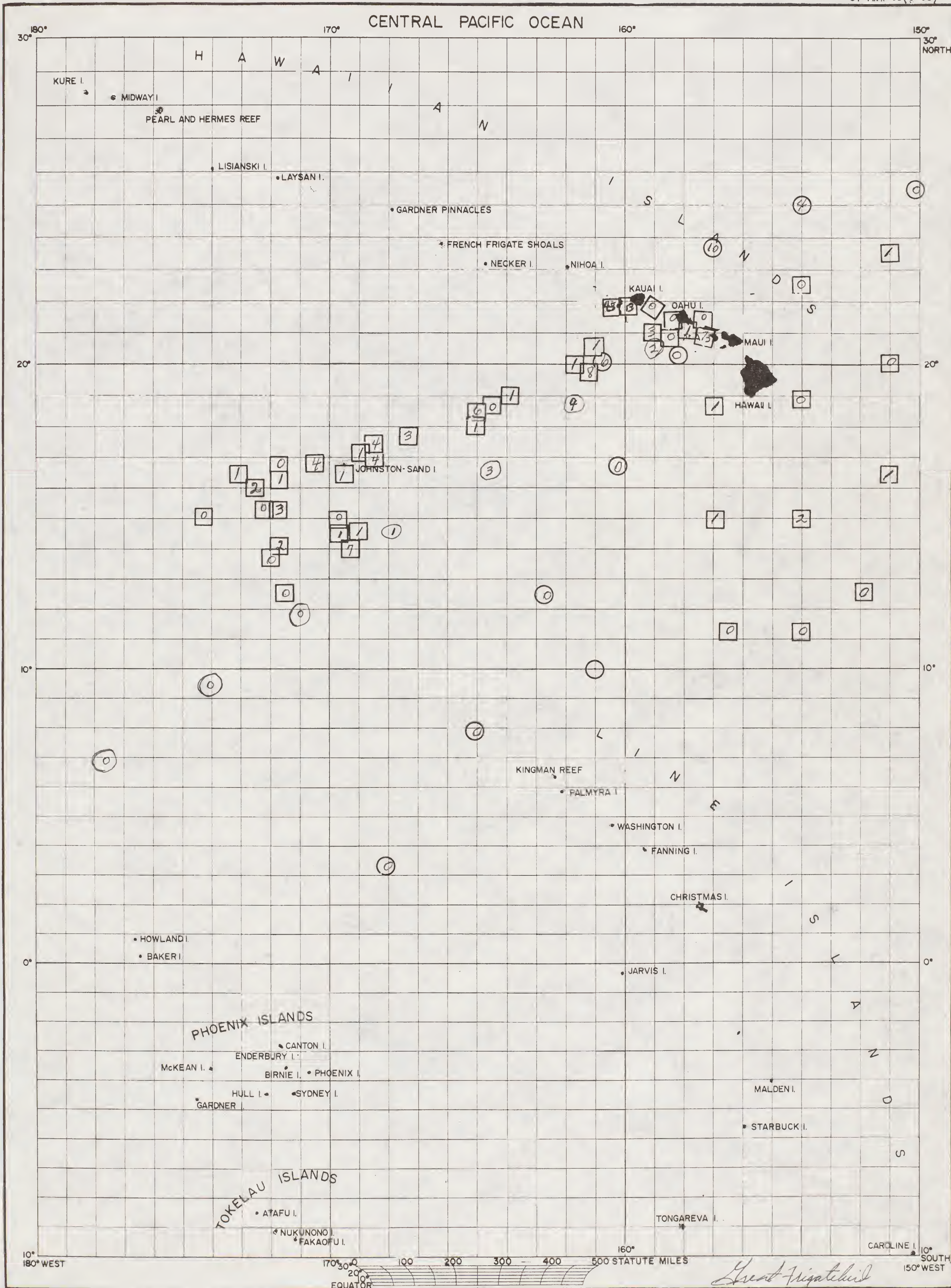
SI-MNH-38(8-55)



- 1-15 November
- = 16-31 November
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

NOVEMBER

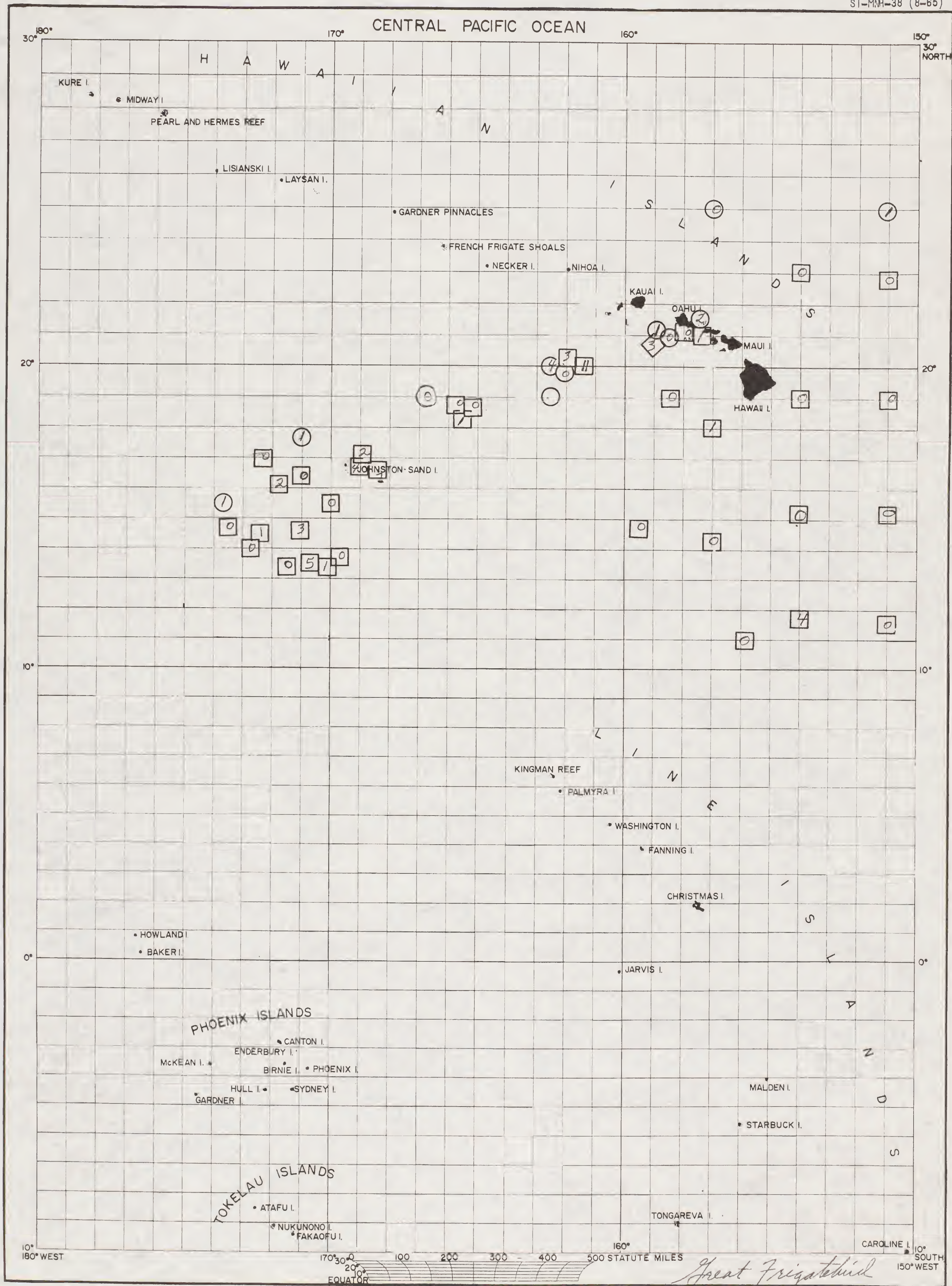
SI-MNH-38(8-65)



- ☐ 1-15 December
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- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

DECEMBER

SI-MNH-38 (8-65)



- ☐ 1-15 December
- = 16-31 December
- = 0 birds
- ④ = 1-10 "
- = 11-25 "
- = 26-50 "
- = 51-100 "
- = 101-500 "
- = 500+ "

DECEMBER

SI-MNH-38 (8-65)

